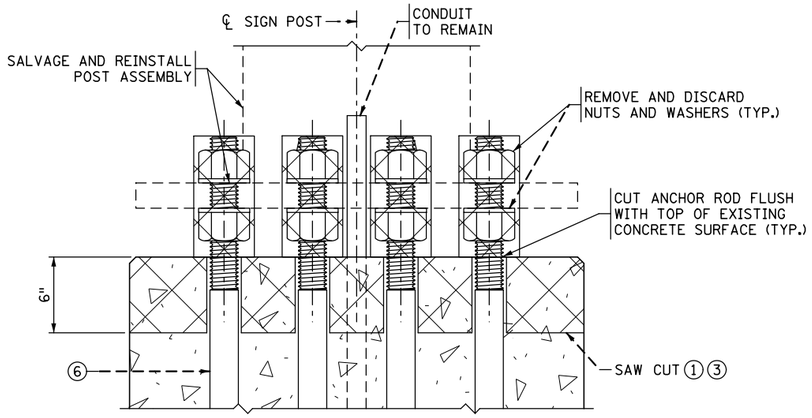
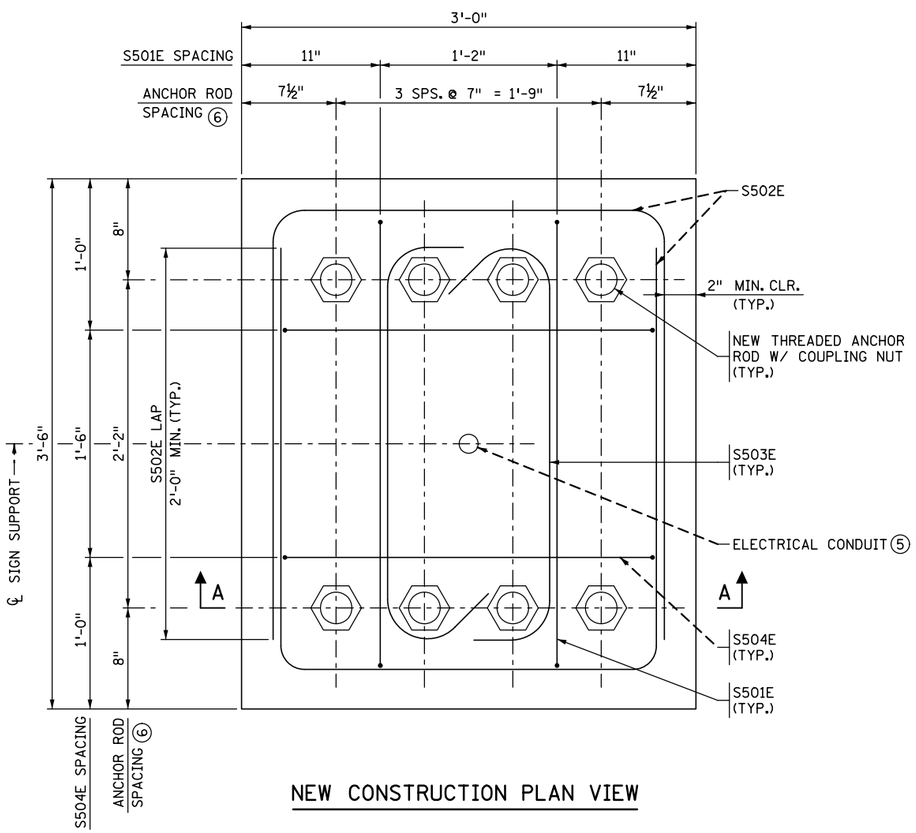


IN-PLACE ELEVATION AND REMOVALS



NEW CONSTRUCTION PLAN VIEW

NOTES:

DENOTES REMOVAL

DIMENSIONS FOR NEW WORK BASED ON INPLACE BOLT DIMENSIONS.

FIELD VERIFY FOR LENGTH OF REQUIRED THREADED ANCHOR ROD EXTENSION.

FIELD ADJUST REBAR LOCATIONS TO AVOID CONDUITS.

USE CONCRETE MIX NO. 3G52 (SPEC. 2461).

CONSTRUCT EXTENSION IN ACCORDANCE WITH THE PLAN, SPEC. 2401, AND SPEC. 2471.

QUANTITIES PROVIDED ARE FOR ONE POST BASE EXTENSION AND ARE INCLUDED IN PAY ITEM 2564.602, "OH SIGN FOUNDATION EXTENSION." REBAR QUANTITIES ARE PROVIDED FOR REFERENCE ONLY.

VERIFY THE REQUIRED EXTENSION "P" WITH THE ENGINEER.

PROVIDE COUPLING NUTS IN ACCORDANCE WITH ASTM A 563 GRADE A AND GALVANIZE IN ACCORDANCE WITH SPEC. 3392. SEE SPECIAL PROVISION FOR SPECIAL INSPECTION OF COUPLING NUT INSTALLATION.

FURNISH TYPE B ANCHOR RODS IN ACCORDANCE WITH SPEC. 3385.

FURNISH EPOXY COATED REINFORCING BARS IN ACCORDANCE WITH SPEC. 3301.

① SAW CUT PEDESTAL PERIMETER WITHOUT CUTTING ANY INPLACE REINFORCEMENT BARS BEFORE REMOVING CONCRETE. ALL INPLACE REINFORCEMENT BARS TO REMAIN.

② CLEAN CONCRETE. REMOVE UNSOUND CONCRETE.

③ APPLY EPOXY BONDING AGENT BEFORE PLACING NEW CONCRETE.

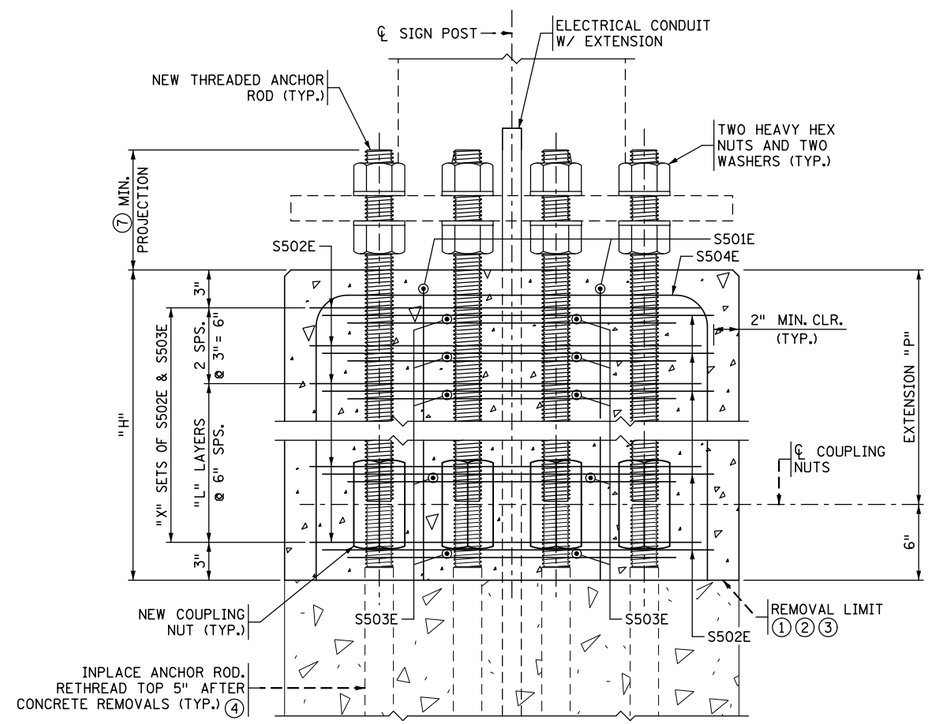
④ INPLACE ANCHOR RODS WITH MINIMAL OR NO DETERIORATION MAY REMAIN WITHOUT CUTTING.

⑤ EXTEND EXISTING CONDUIT AS NEEDED.

⑥ 2¼" DIA. ANCHOR ROD (TYPE 1 & TYPE 2 POST); 2½" DIA. ANCHOR ROD (TYPE 3 POST). FIELD VERIFY.

⑦ 10¼" TYPE 1 POST; 10½" TYPE 2 POST; 11" TYPE 3 POST

EXTENSION DIMENSIONS AND QUANTITIES										
EXTENSION, "P"	"H"	"X"	"L"	"B"	"C"	"D"	"E"	"F"	CONCRETE (CY)	REINF. STEEL (LBS.)
1'-0"	1'-6"	4	1	1'-3"	5'-5"	8	8	4'-11"	0.59	120
1'-6"	2'-0"	5	2	1'-9"	6'-5"	10	10	5'-11"	0.78	149
2'-0"	2'-6"	6	3	2'-3"	7'-5"	12	12	6'-11"	0.98	178

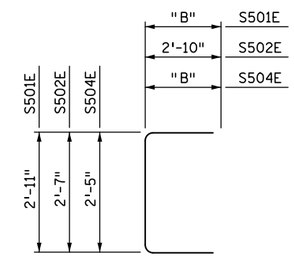


SECTION A-A

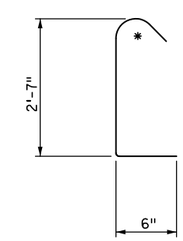
BAR BENDING DIAGRAMS

BENT BAR DIMENSIONS GIVEN ARE OUT-TO-OUT. DETERMINE ACTUAL BAR LENGTHS BASED ON THE DETAIL DIMENSIONS SHOWN IN THE BAR BENDING DIAGRAMS.

* DENOTES STANDARD STIRRUP HOOK.



S501E, S502E, & S504E



S503E

BILL OF REINFORCEMENT				
BAR	NO.	LENGTH	SHAPE	LOCATION
S501E	2	"C"		VERTICAL TIE
S502E	"D"	8'-3"		HORIZONTAL TIE
S503E	"E"	3'-7"		HORIZONTAL TIE
S504E	2	"F"		VERTICAL TIE

OVERHEAD SIGN STRUCTURES FOUNDATION EXTENSION

DESIGN B EXTENSION DETAILS - TYPE 1-3 POSTS

X OF X

STATE PROJ. NO. (T.H.) SHEET NO. OF SHEETS

PLOTTED/REVISED: 2-MAR-2020
PLOT NAME: OH_Sign_Fnd_Extension_DETAIL VERSION
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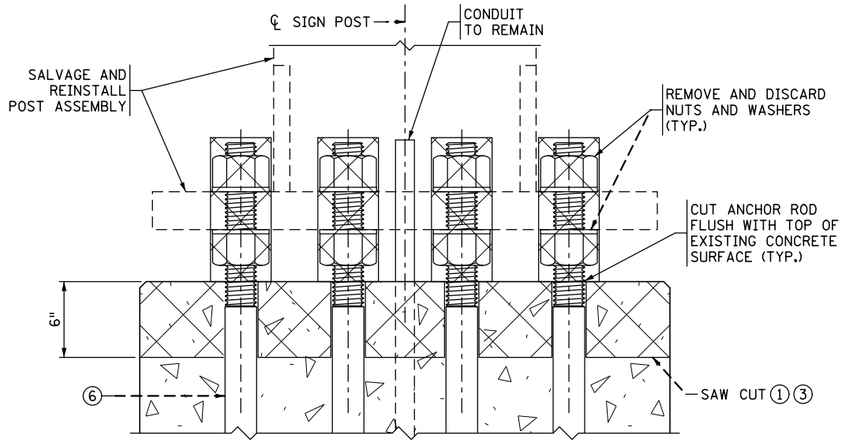


IN-PLACE ELEVATION AND REMOVALS

NOTES:

DENOTES REMOVAL

DIMENSIONS FOR NEW WORK BASED ON INPLACE BOLT DIMENSIONS.

FIELD VERIFY FOR LENGTH OF REQUIRED THREADED ANCHOR ROD EXTENSION.

FIELD ADJUST REBAR LOCATIONS TO AVOID CONDUITS.

USE CONCRETE MIX NO. 3G52 (SPEC. 2461).

CONSTRUCT EXTENSION IN ACCORDANCE WITH THE PLAN, SPEC. 2401, AND SPEC. 2471.

QUANTITIES PROVIDED ARE FOR ONE POST BASE EXTENSION AND ARE INCLUDED IN PAY ITEM 2564.602, "OH SIGN FOUNDATION EXTENSION." REBAR QUANTITIES ARE PROVIDED FOR REFERENCE ONLY.

VERIFY THE REQUIRED EXTENSION "P" WITH THE ENGINEER.

PROVIDE COUPLING NUTS IN ACCORDANCE WITH ASTM A 563 GRADE A AND GALVANIZE IN ACCORDANCE WITH SPEC. 3392. SEE SPECIAL PROVISION FOR SPECIAL INSPECTION OF COUPLING NUT INSTALLATION.

FURNISH TYPE B ANCHOR RODS IN ACCORDANCE WITH SPEC. 3385.

FURNISH EPOXY COATED REINFORCING BARS IN ACCORDANCE WITH SPEC. 3301.

① SAW CUT PEDESTAL PERIMETER WITHOUT CUTTING ANY INPLACE REINFORCEMENT BARS BEFORE REMOVING CONCRETE. ALL INPLACE REINFORCEMENT BARS TO REMAIN.

② CLEAN CONCRETE. REMOVE UNSOUND CONCRETE.

③ APPLY EPOXY BONDING AGENT BEFORE PLACING NEW CONCRETE.

④ INPLACE ANCHOR RODS WITH MINIMAL OR NO DETERIORATION MAY REMAIN WITHOUT CUTTING.

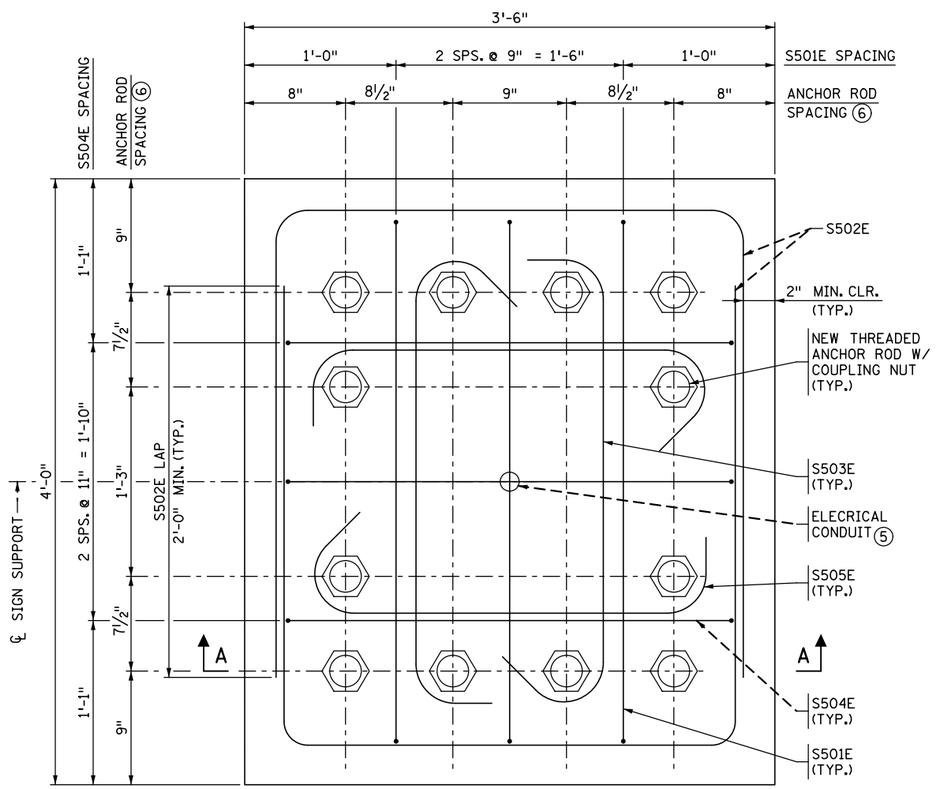
⑤ EXTEND EXISTING CONDUIT AS NEEDED.

⑥ 2¼" DIA. ANCHOR ROD (TYPE 4 POST); 2½" DIA. ANCHOR ROD (TYPE 5 POST). FIELD VERIFY.

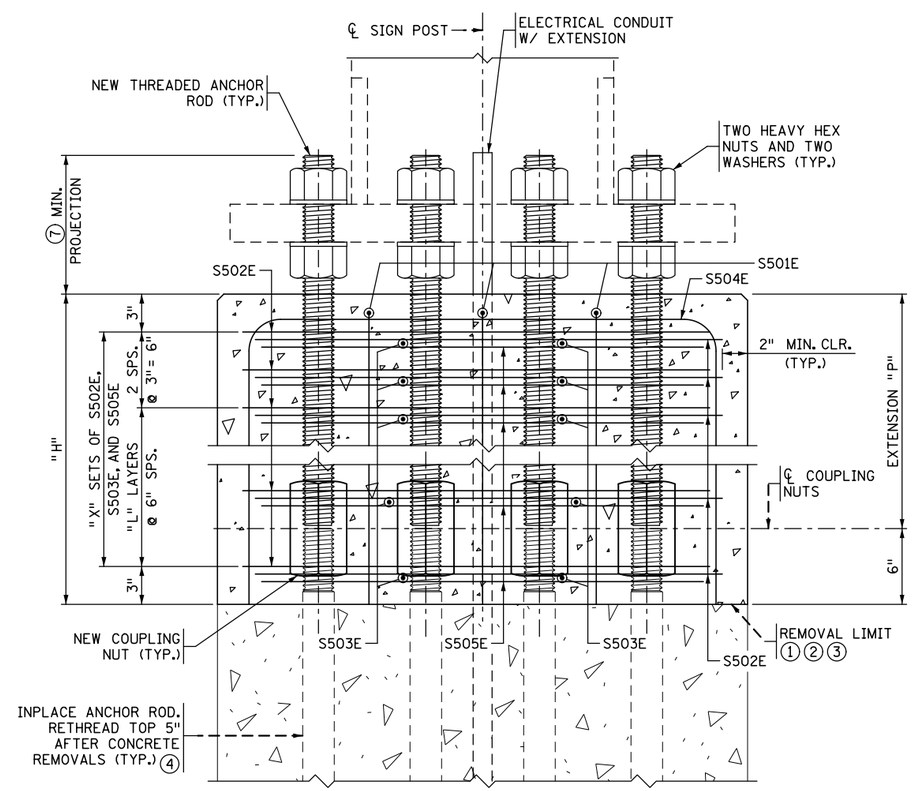
⑦ 10" TYPE 4 POST; 10½" TYPE 5 POST.

EXTENSION DIMENSIONS AND QUANTITIES

EXTENSION, "P"	"H"	"X"	"L"	"B"	"C"	"D"	"E"	"F"	CONCRETE (CY)	REINF. STEEL (LBS.)
1'-0"	1'-6"	4	1	1'-3"	5'-11"	8	8	5'-5"	0.78	179
1'-6"	2'-0"	5	2	1'-9"	6'-11"	10	10	6'-5"	1.04	222
2'-0"	2'-6"	6	3	2'-3"	7'-11"	12	12	7'-5"	1.30	265



NEW CONSTRUCTION PLAN VIEW

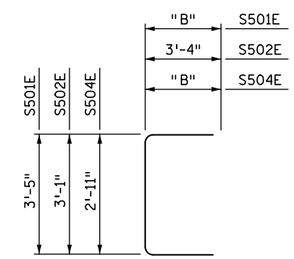


SECTION A-A

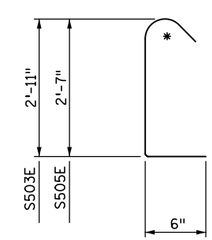
BAR BENDING DIAGRAMS

BENT BAR DIMENSIONS GIVEN ARE OUT-TO-OUT. DETERMINE ACTUAL BAR LENGTHS BASED ON THE DETAIL DIMENSIONS SHOWN IN THE BAR BENDING DIAGRAMS.

* DENOTES STANDARD STIRRUP HOOK.



S501E, S502E, & S504E



S503E & S505E

BILL OF REINFORCEMENT

BAR	NO.	LENGTH	SHAPE	LOCATION
S501E	3	"C"		VERTICAL TIE
S502E	"D"	9'-9"		HORIZONTAL TIE
S503E	"E"	3'-11"		HORIZONTAL TIE
S504E	3	"F"		VERTICAL TIE
S505E	"E"	3'-7"		HORIZONTAL TIE

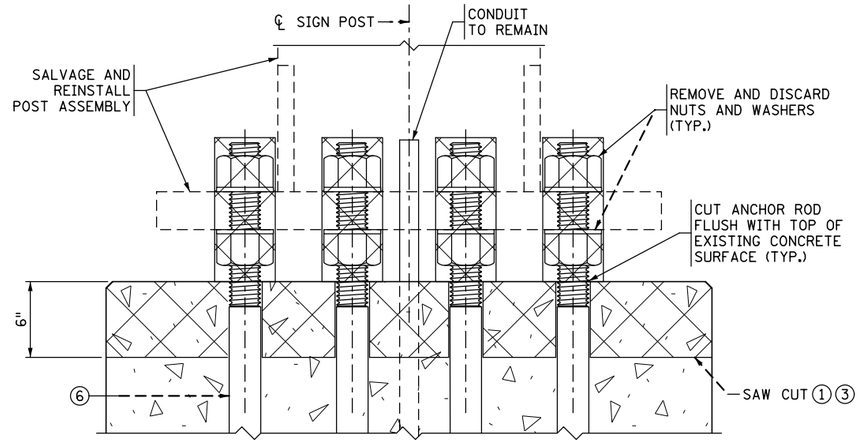
X OF X

OVERHEAD SIGN STRUCTURES FOUNDATION EXTENSION

DESIGN B EXTENSION DETAILS - TYPE 4-5 POSTS

STATE PROJ. NO. (T.H.) SHEET NO. OF SHEETS

PLOTTED/REVISED: 2-MAR-2020
PLOT NAME: OH_Sign_Fnd_Extension_DETAIL VERSION
PATH & FILENAME: OTST\Signing\Typicals\Standard Plans\OH_Sign_Fnd_Extension_DETAIL VERSION.dgn



IN-PLACE ELEVATION AND REMOVALS

NOTES:

DENOTES REMOVAL

DIMENSIONS FOR NEW WORK BASED ON INPLACE BOLT DIMENSIONS.

FIELD VERIFY FOR LENGTH OF REQUIRED THREADED ANCHOR ROD EXTENSION.

FIELD ADJUST REBAR LOCATIONS TO AVOID CONDUITS.

USE CONCRETE MIX NO. 3G52 (SPEC. 2461).

CONSTRUCT EXTENSION IN ACCORDANCE WITH THE PLAN, SPEC. 2401, AND SPEC. 2471.

QUANTITIES PROVIDED ARE FOR ONE POST BASE EXTENSION AND ARE INCLUDED IN PAY ITEM 2564.602, "OH SIGN FOUNDATION EXTENSION." REBAR QUANTITIES ARE PROVIDED FOR REFERENCE ONLY.

VERIFY THE REQUIRED EXTENSION "P" WITH THE ENGINEER.

PROVIDE COUPLING NUTS IN ACCORDANCE WITH ASTM A 563 GRADE A AND GALVANIZE IN ACCORDANCE WITH SPEC. 3392. SEE SPECIAL PROVISION FOR SPECIAL INSPECTION OF COUPLING NUT INSTALLATION.

FURNISH TYPE B ANCHOR RODS IN ACCORDANCE WITH SPEC. 3385.

FURNISH EPOXY COATED REINFORCING BARS IN ACCORDANCE WITH SPEC. 3301.

① SAW CUT PEDESTAL PERIMETER WITHOUT CUTTING ANY INPLACE REINFORCEMENT BARS BEFORE REMOVING CONCRETE. ALL INPLACE REINFORCEMENT BARS TO REMAIN.

② CLEAN CONCRETE. REMOVE UNSOUND CONCRETE.

③ APPLY EPOXY BONDING AGENT BEFORE PLACING NEW CONCRETE.

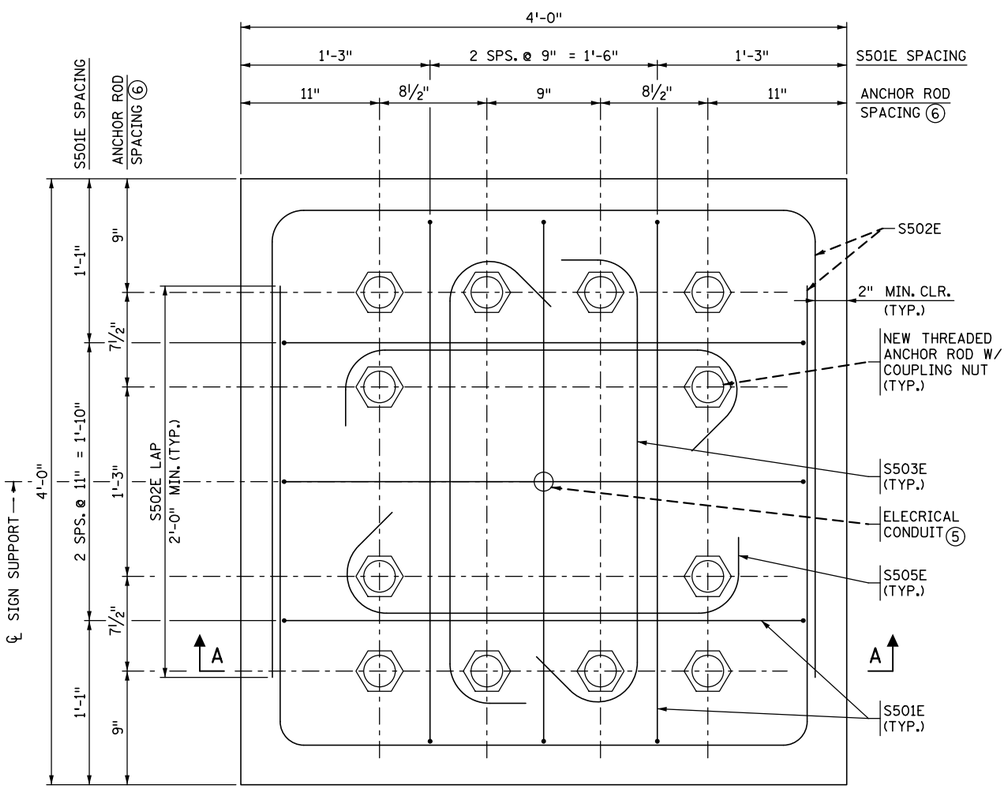
④ INPLACE ANCHOR RODS WITH MINIMAL OR NO DETERIORATION MAY REMAIN WITHOUT CUTTING.

⑤ EXTEND EXISTING CONDUIT AS NEEDED.

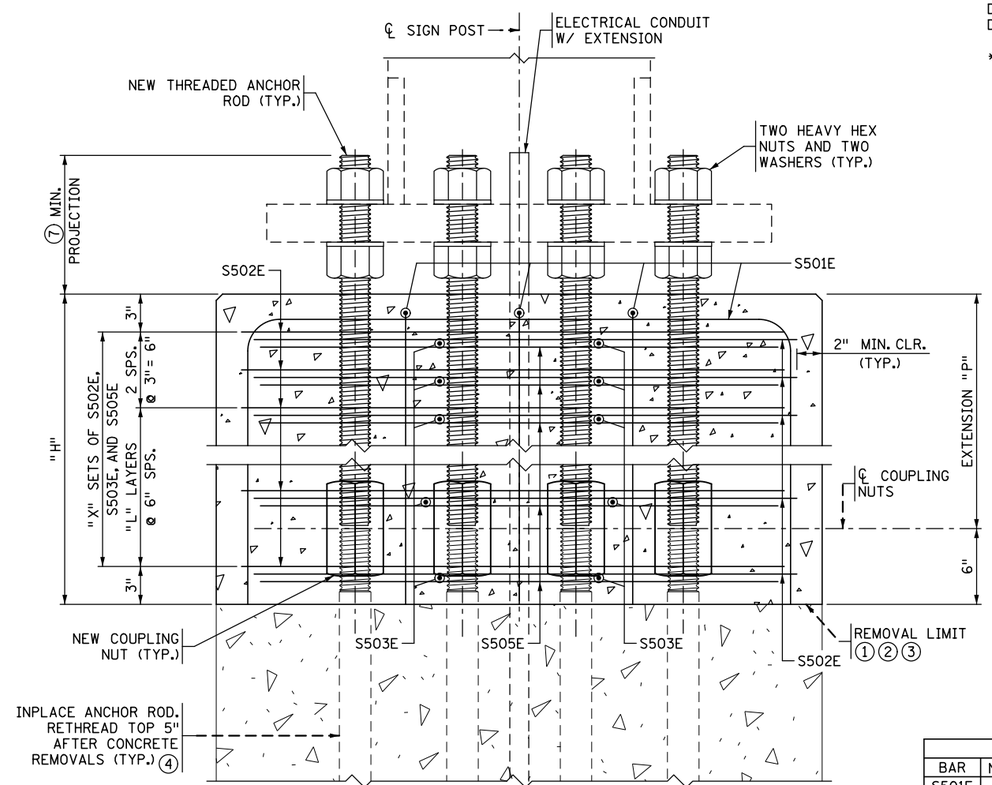
⑥ 2¼" DIA. ANCHOR ROD (TYPE 4 POST); 2½" DIA. ANCHOR ROD (TYPE 5 POST). FIELD VERIFY.

⑦ 10" TYPE 4 POST; 10½" TYPE 5 POST.

EXTENSION DIMENSIONS AND QUANTITIES									
EXTENSION, "P"	"H"	"X"	"L"	"B"	"C"	"D"	"E"	CONCRETE (CY)	REINF. STEEL (LBS.)
1'-0"	1'-6"	4	1	1'-3"	5'-11"	8	8	0.89	185
1'-6"	2'-0"	5	2	1'-9"	6'-11"	10	10	1.19	228
2'-0"	2'-6"	6	3	2'-3"	7'-11"	12	12	1.49	272



NEW CONSTRUCTION PLAN VIEW

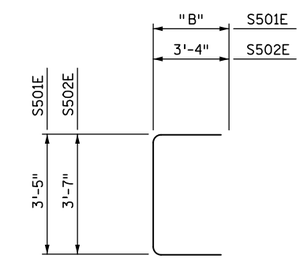


SECTION A-A

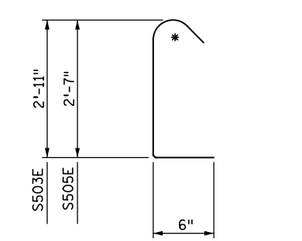
BAR BENDING DIAGRAMS

BENT BAR DIMENSIONS GIVEN ARE OUT-TO-OUT. DETERMINE ACTUAL BAR LENGTHS BASED ON THE DETAIL DIMENSIONS SHOWN IN THE BAR BENDING DIAGRAMS.

* DENOTES STANDARD STIRRUP HOOK.



S501E & S502E



S503E & S505E

BILL OF REINFORCEMENT				
BAR	NO.	LENGTH	SHAPE	LOCATION
S501E	6	"C"		VERTICAL TIE
S502E	"D"	10'-3"		HORIZONTAL TIE
S503E	"E"	3'-11"		HORIZONTAL TIE
S505E	"E"	3'-7"		HORIZONTAL TIE

OVERHEAD SIGN STRUCTURES FOUNDATION EXTENSION

DESIGN B EXTENSION DETAILS - TYPE 4-5 POSTS

X OF X

STATE PROJ. NO. (T.H.) SHEET NO. OF SHEETS

PLOTTED/REVISED: 2-MAR-2020
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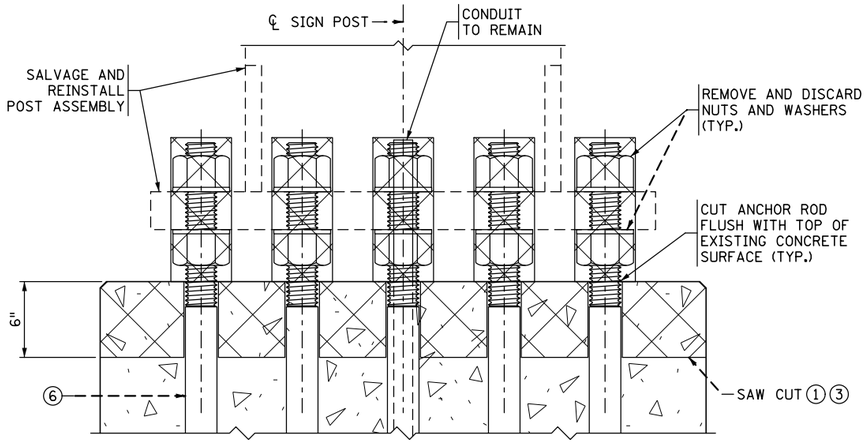
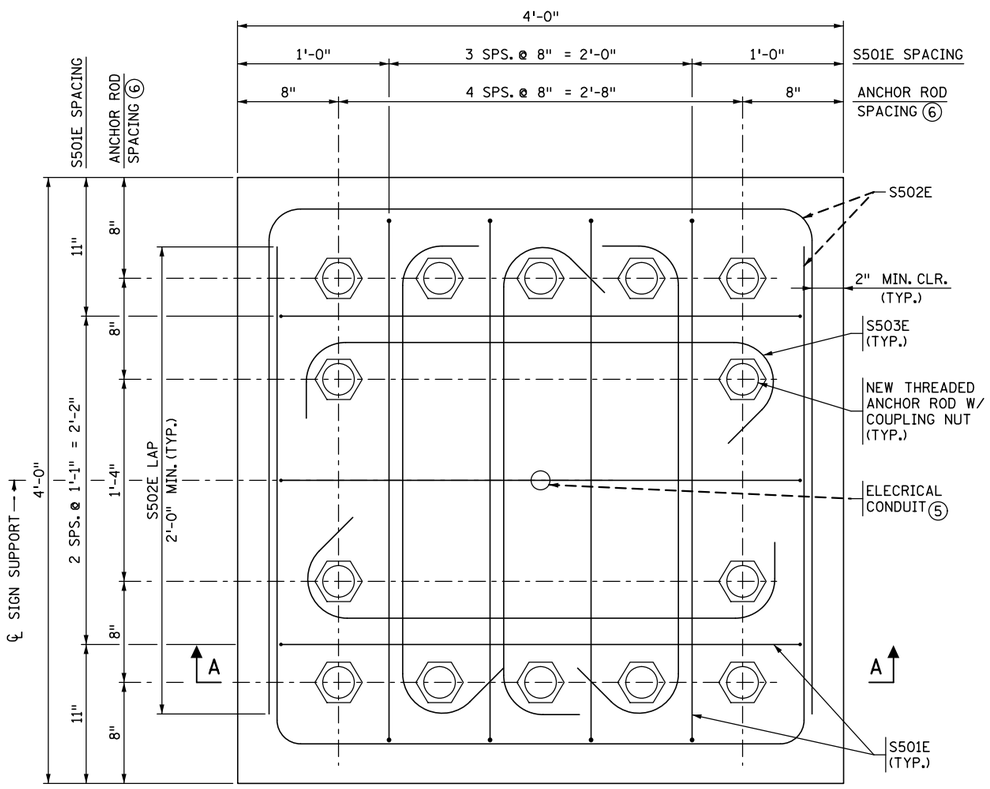
PATH & FILENAME: OTST\Signing\Typicals\Standard Plans\OH_Sign_Fnd_Extension_DETAIL VERSION.dgn



IN-PLACE ELEVATION AND REMOVALS



NEW CONSTRUCTION PLAN VIEW

NOTES:

DENOTES REMOVAL

DIMENSIONS FOR NEW WORK BASED ON INPLACE BOLT DIMENSIONS.

FIELD VERIFY FOR LENGTH OF REQUIRED THREADED ANCHOR ROD EXTENSION.

FIELD ADJUST REBAR LOCATIONS TO AVOID CONDUITS.

USE CONCRETE MIX NO. 3G52 (SPEC. 2461).

CONSTRUCT EXTENSION IN ACCORDANCE WITH THE PLAN, SPEC. 2401, AND SPEC. 2471.

QUANTITIES PROVIDED ARE FOR ONE POST BASE EXTENSION AND ARE INCLUDED IN PAY ITEM 2564.602, "OH SIGN FOUNDATION EXTENSION." REBAR QUANTITIES ARE PROVIDED FOR REFERENCE ONLY.

VERIFY THE REQUIRED EXTENSION "P" WITH THE ENGINEER.

PROVIDE COUPLING NUTS IN ACCORDANCE WITH ASTM A 563 GRADE A AND GALVANIZE IN ACCORDANCE WITH SPEC. 3392. SEE SPECIAL PROVISION FOR SPECIAL INSPECTION OF COUPLING NUT INSTALLATION.

FURNISH TYPE B ANCHOR RODS IN ACCORDANCE WITH SPEC. 3385.

FURNISH EPOXY COATED REINFORCING BARS IN ACCORDANCE WITH SPEC. 3301.

① SAW CUT PEDESTAL PERIMETER WITHOUT CUTTING ANY INPLACE REINFORCEMENT BARS BEFORE REMOVING CONCRETE. ALL INPLACE REINFORCEMENT BARS TO REMAIN.

② CLEAN CONCRETE. REMOVE UNSOUND CONCRETE.

③ APPLY EPOXY BONDING AGENT BEFORE PLACING NEW CONCRETE.

④ INPLACE ANCHOR RODS WITH MINIMAL OR NO DETERIORATION MAY REMAIN WITHOUT CUTTING.

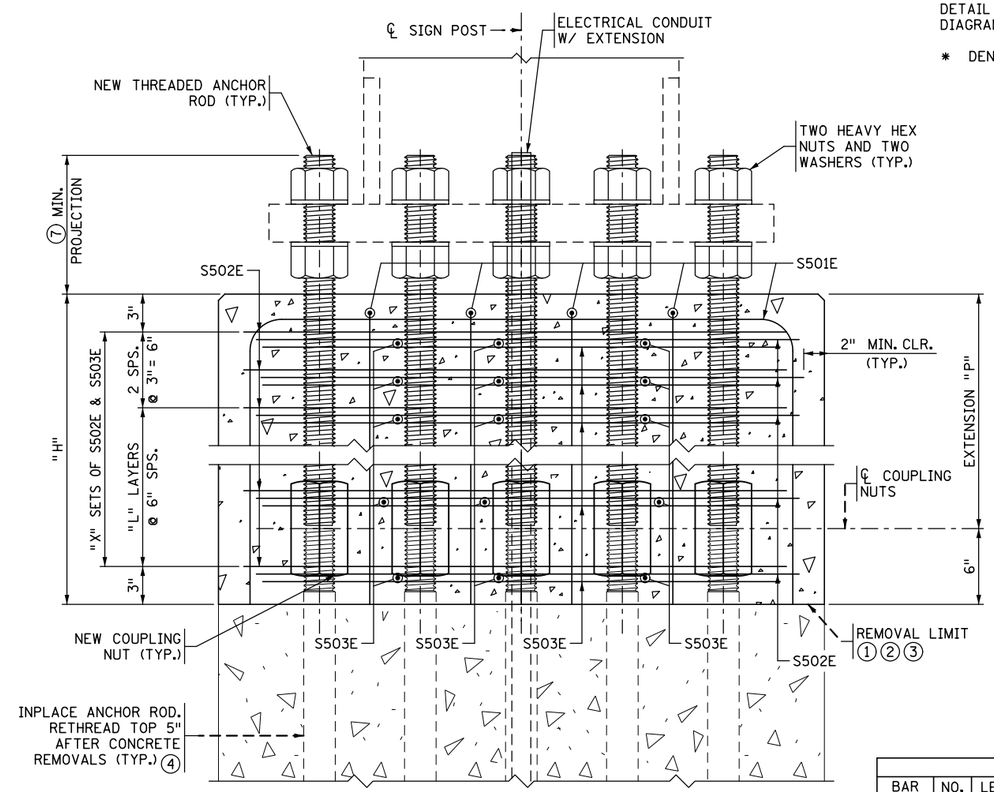
⑤ EXTEND EXISTING CONDUIT AS NEEDED.

⑥ 2¼" DIA. ANCHOR ROD (TYPE 6 POST); 2½" DIA. ANCHOR ROD (TYPE 7 POST). FIELD VERIFY.

⑦ 9½" TYPE 6 POST; 10½" TYPE 7 POST.

EXTENSION DIMENSIONS AND QUANTITIES

EXTENSION, "P"	"H"	"X"	"L"	"B"	"C"	"D"	"E"	CONCRETE (CY)	REINF. STEEL (LBS.)
1'-0"	1'-6"	4	1	1'-3"	5'-11"	8	20	0.89	214
1'-6"	2'-0"	5	2	1'-9"	6'-11"	10	25	1.19	264
2'-0"	2'-6"	6	3	2'-3"	7'-11"	12	30	1.49	314

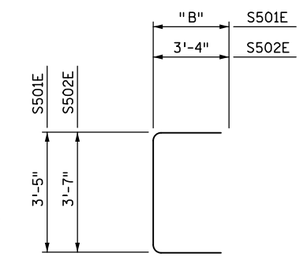


SECTION A-A

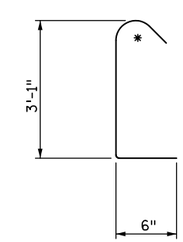
BAR BENDING DIAGRAMS

BENT BAR DIMENSIONS GIVEN ARE OUT-TO-OUT. DETERMINE ACTUAL BAR LENGTHS BASED ON THE DETAIL DIMENSIONS SHOWN IN THE BAR BENDING DIAGRAMS.

* DENOTES STANDARD STIRRUP HOOK.



S501E & S502E



S503E

BILL OF REINFORCEMENT

BAR	NO.	LENGTH	SHAPE	LOCATION
S501E	7	"C"		VERTICAL TIE
S502E	"D"	10'-3"		HORIZONTAL TIE
S503E	"E"	4'-1"		HORIZONTAL TIE

OVERHEAD SIGN STRUCTURES FOUNDATION EXTENSION

DESIGN B EXTENSION DETAILS - TYPE 6-7 POSTS

X OF X

STATE PROJ. NO. (T.H.) SHEET NO. OF SHEETS

PLOTTED/REVISED: 2-MAR-2020
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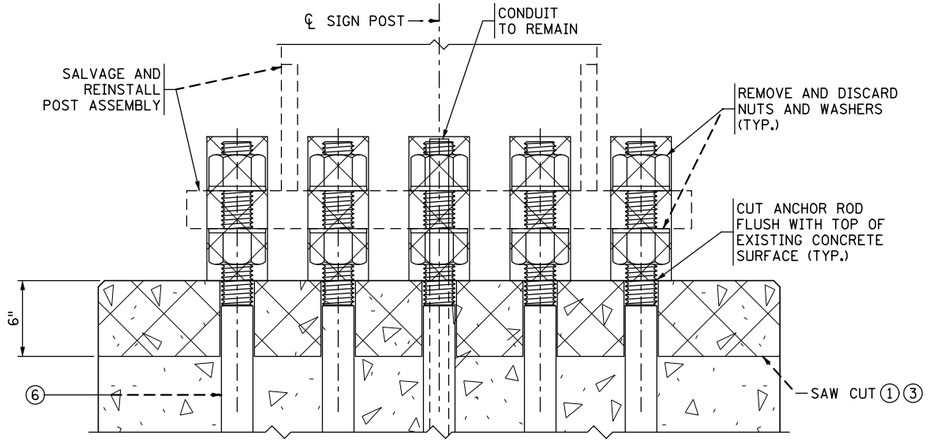
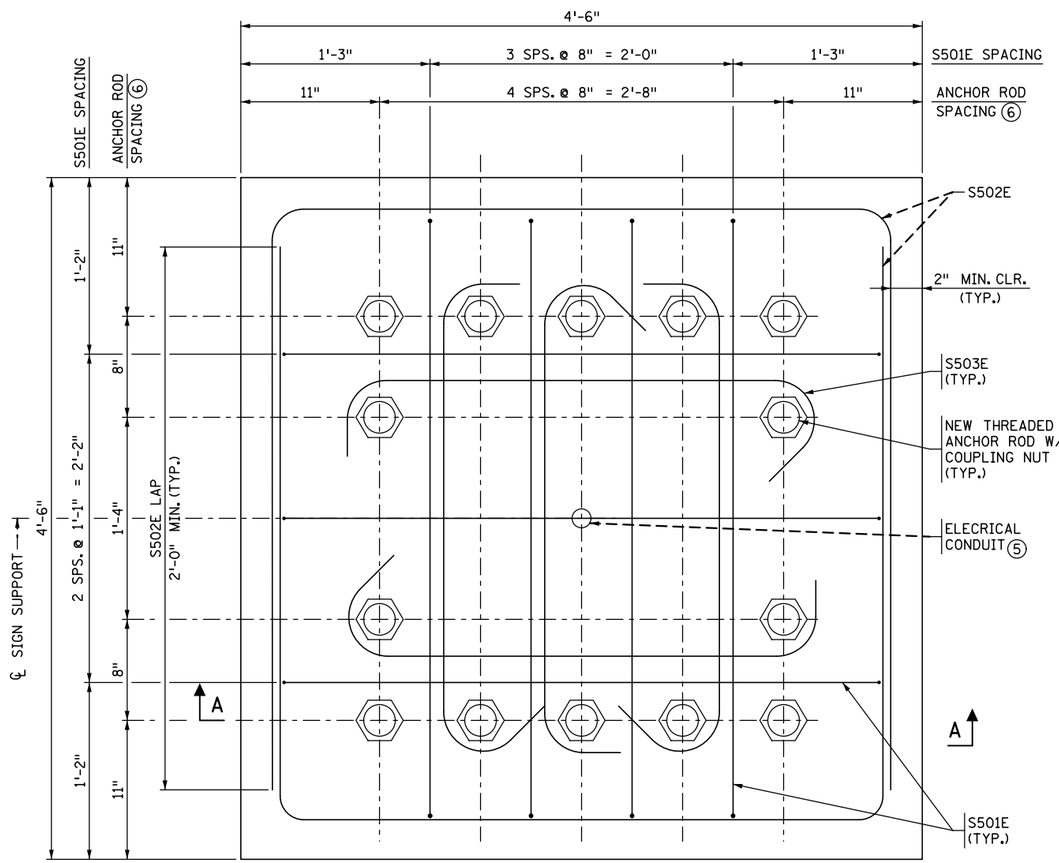


IN-PLACE ELEVATION AND REMOVALS



NEW CONSTRUCTION PLAN VIEW

NOTES:

DENOTES REMOVAL

DIMENSIONS FOR NEW WORK BASED ON INPLACE BOLT DIMENSIONS.

FIELD VERIFY FOR LENGTH OF REQUIRED THREADED ANCHOR ROD EXTENSION.

FIELD ADJUST REBAR LOCATIONS TO AVOID CONDUITS.

USE CONCRETE MIX NO. 3G52 (SPEC. 2461).

CONSTRUCT EXTENSION IN ACCORDANCE WITH THE PLAN, SPEC. 2401, AND SPEC. 2471.

QUANTITIES PROVIDED ARE FOR ONE POST BASE EXTENSION AND ARE INCLUDED IN PAY ITEM 2564.602, "OH SIGN FOUNDATION EXTENSION." REBAR QUANTITIES ARE PROVIDED FOR REFERENCE ONLY.

VERIFY THE REQUIRED EXTENSION "P" WITH THE ENGINEER.

PROVIDE COUPLING NUTS IN ACCORDANCE WITH ASTM A 563 GRADE A AND GALVANIZE IN ACCORDANCE WITH SPEC. 3392. SEE SPECIAL PROVISION FOR SPECIAL INSPECTION OF COUPLING NUT INSTALLATION.

FURNISH TYPE B ANCHOR RODS IN ACCORDANCE WITH SPEC. 3385.

FURNISH EPOXY COATED REINFORCING BARS IN ACCORDANCE WITH SPEC. 3301.

① SAW CUT PEDESTAL PERIMETER WITHOUT CUTTING ANY INPLACE REINFORCEMENT BARS BEFORE REMOVING CONCRETE. ALL INPLACE REINFORCEMENT BARS TO REMAIN.

② CLEAN CONCRETE. REMOVE UNSOUND CONCRETE.

③ APPLY EPOXY BONDING AGENT BEFORE PLACING NEW CONCRETE.

④ INPLACE ANCHOR RODS WITH MINIMAL OR NO DETERIORATION MAY REMAIN WITHOUT CUTTING.

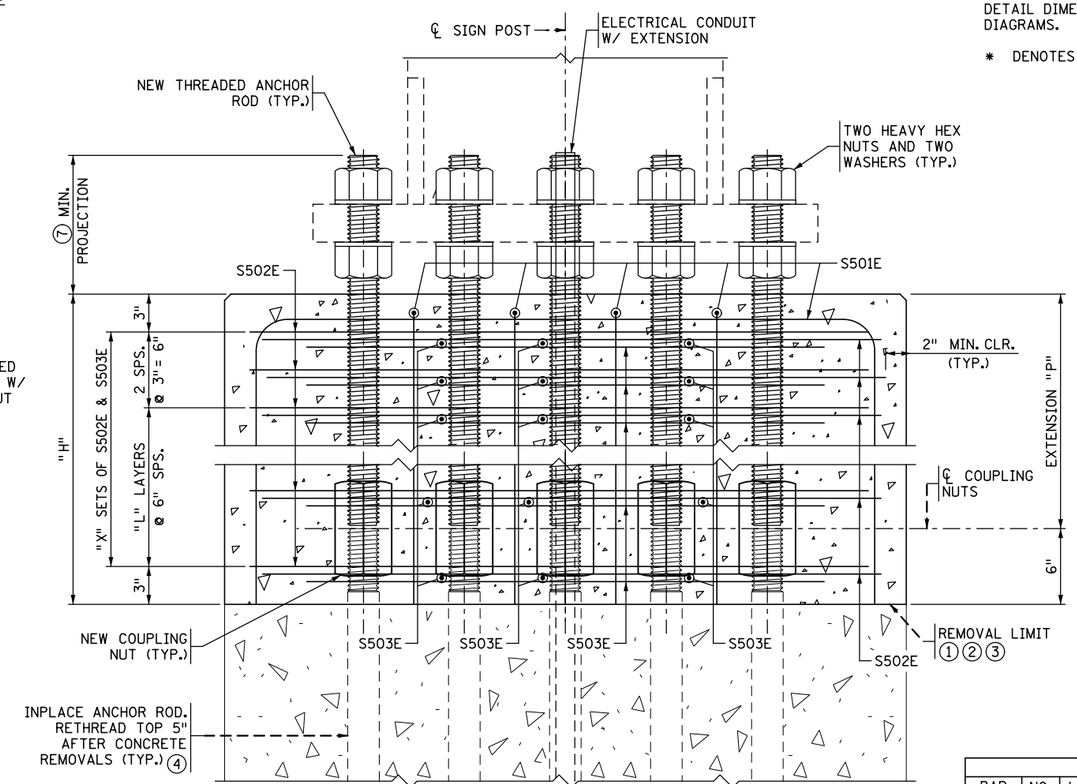
⑤ EXTEND EXISTING CONDUIT AS NEEDED.

⑥ 2¼" DIA. ANCHOR ROD (TYPE 6 POST); 2½" DIA. ANCHOR ROD (TYPE 7 POST). FIELD VERIFY.

⑦ 9½" TYPE 6 POST; 10½" TYPE 7 POST.

EXTENSION DIMENSIONS AND QUANTITIES

EXTENSION, "P"	"H"	"X"	"L"	"B"	"C"	"D"	"E"	CONCRETE (CY)	REINF. STEEL (LBS.)
1'-0"	1'-6"	4	1	1'-3"	6'-5"	8	20	1.13	230
1'-6"	2'-0"	5	2	1'-9"	7'-5"	10	25	1.50	283
2'-0"	2'-6"	6	3	2'-3"	8'-5"	12	30	1.88	336

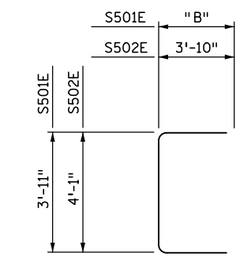


SECTION A-A

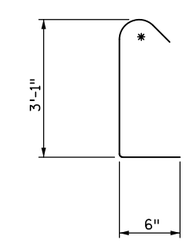
BAR BENDING DIAGRAMS

BENT BAR DIMENSIONS GIVEN ARE OUT-TO-OUT. DETERMINE ACTUAL BAR LENGTHS BASED ON THE DETAIL DIMENSIONS SHOWN IN THE BAR BENDING DIAGRAMS.

* DENOTES STANDARD STIRRUP HOOK.



S501E & S502E



S503E

BILL OF REINFORCEMENT

BAR	NO.	LENGTH	SHAPE	LOCATION
S501E	7	"C"		VERTICAL TIE
S502E	"D"	11'-9"		HORIZONTAL TIE
S503E	"E"	4'-1"		HORIZONTAL TIE

OVERHEAD SIGN STRUCTURES FOUNDATION EXTENSION

DESIGN B EXTENSION DETAILS - TYPE 6-7 POSTS

X OF X

STATE PROJ. NO. (T.H.) SHEET NO. OF SHEETS

PLOTTED/REVISED: 2-MAR-2020
PLOT NAME: OH_Sign_Fnd_Extension_DETAIL VERSION
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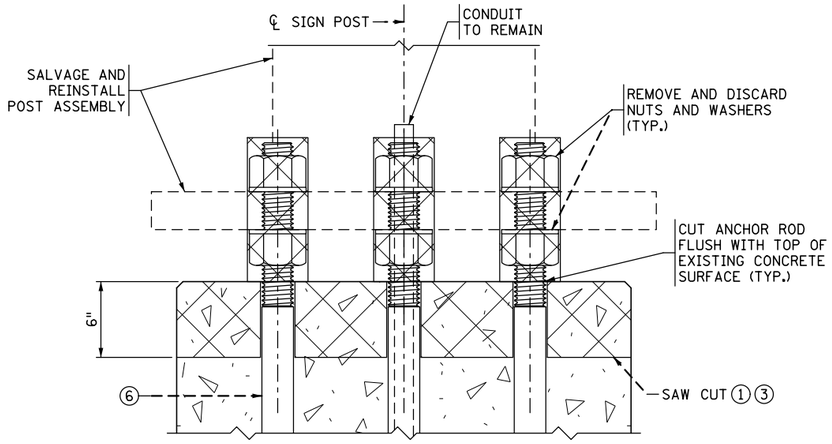


IN-PLACE ELEVATION AND REMOVALS

NOTES:

DENOTES REMOVAL

DIMENSIONS FOR NEW WORK BASED ON INPLACE BOLT DIMENSIONS.

FIELD VERIFY FOR LENGTH OF REQUIRED THREADED ANCHOR ROD EXTENSION.

FIELD ADJUST REBAR LOCATIONS TO AVOID CONDUITS.

USE CONCRETE MIX NO. 3G52 (SPEC. 2461).

CONSTRUCT EXTENSION IN ACCORDANCE WITH THE PLAN, SPEC. 2401, AND SPEC. 2471.

QUANTITIES PROVIDED ARE FOR ONE POST BASE EXTENSION AND ARE INCLUDED IN PAY ITEM 2564.602, "OH SIGN FOUNDATION EXTENSION." REBAR QUANTITIES ARE PROVIDED FOR REFERENCE ONLY.

VERIFY THE REQUIRED EXTENSION "P" WITH THE ENGINEER.

PROVIDE COUPLING NUTS IN ACCORDANCE WITH ASTM A 563 GRADE A AND GALVANIZE IN ACCORDANCE WITH SPEC. 3392. SEE SPECIAL PROVISION FOR SPECIAL INSPECTION OF COUPLING NUT INSTALLATION.

FURNISH TYPE B ANCHOR RODS IN ACCORDANCE WITH SPEC. 3385.

FURNISH EPOXY COATED REINFORCING BARS IN ACCORDANCE WITH SPEC. 3301.

① SAW CUT PEDESTAL PERIMETER WITHOUT CUTTING ANY INPLACE REINFORCEMENT BARS BEFORE REMOVING CONCRETE. ALL INPLACE REINFORCEMENT BARS TO REMAIN.

② CLEAN CONCRETE. REMOVE UNSOUND CONCRETE.

③ APPLY EPOXY BONDING AGENT BEFORE PLACING NEW CONCRETE.

④ INPLACE ANCHOR RODS WITH MINIMAL OR NO DETERIORATION MAY REMAIN WITHOUT CUTTING.

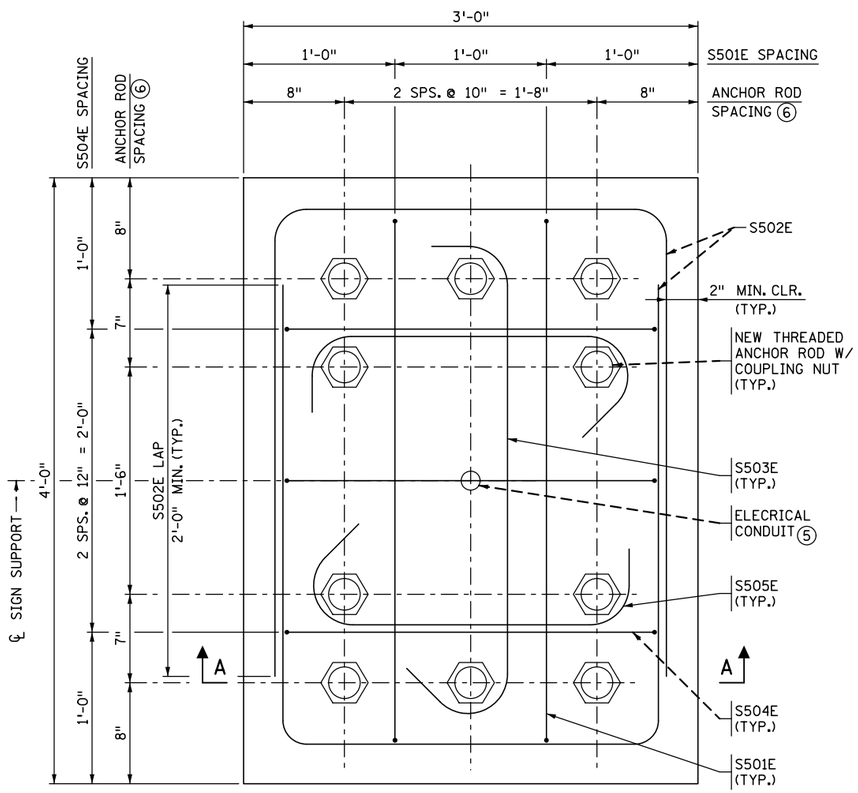
⑤ EXTEND EXISTING CONDUIT AS NEEDED.

⑥ 2¼" DIA. ANCHOR ROD (TYPE 8 POST); 2½" DIA. ANCHOR ROD (TYPE 9 POST). FIELD VERIFY.

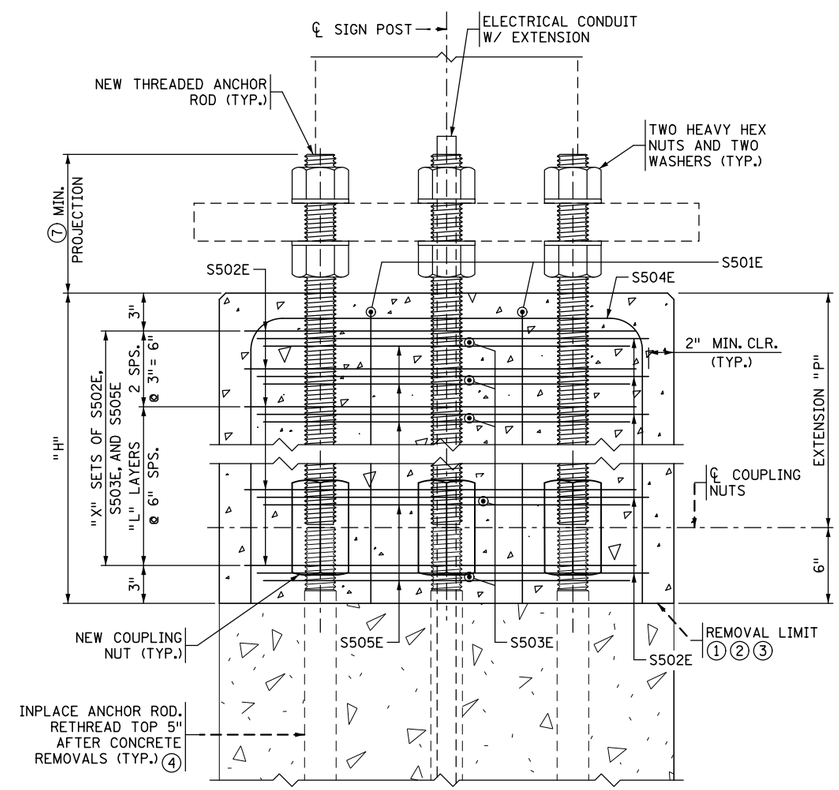
⑦ 10¼" TYPE 8 POST; 11" TYPE 9 POST.

EXTENSION DIMENSIONS AND QUANTITIES

EXTENSION, "P"	"H"	"X"	"L"	"B"	"C"	"D"	"E"	"F"	"G"	CONCRETE (CY)	REINF. STEEL (LBS.)
1'-0"	1'-6"	4	1	1'-3"	5'-11"	8	4	4'-11"	8	0.67	148
1'-6"	2'-0"	5	2	1'-9"	6'-11"	10	5	5'-11"	10	0.89	183
2'-0"	2'-6"	6	3	2'-3"	7'-11"	12	6	6'-11"	12	1.12	218



NEW CONSTRUCTION PLAN VIEW

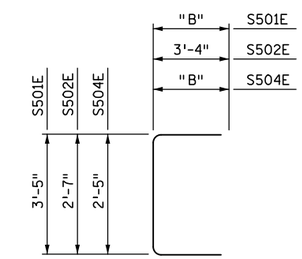


SECTION A-A

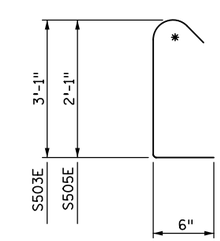
BAR BENDING DIAGRAMS

BENT BAR DIMENSIONS GIVEN ARE OUT-TO-OUT. DETERMINE ACTUAL BAR LENGTHS BASED ON THE DETAIL DIMENSIONS SHOWN IN THE BAR BENDING DIAGRAMS.

* DENOTES STANDARD STIRRUP HOOK.



S501E, S502E, & S504E



S503E & S505E

BILL OF REINFORCEMENT

BAR	NO.	LENGTH	SHAPE	LOCATION
S501E	2	"C"	⊓	VERTICAL TIE
S502E	"D"	9'-3"	⊓	HORIZONTAL TIE
S503E	"E"	4'-1"	⊔	HORIZONTAL TIE
S504E	3	"F"	⊓	VERTICAL TIE
S505E	"G"	3'-1"	⊔	HORIZONTAL TIE

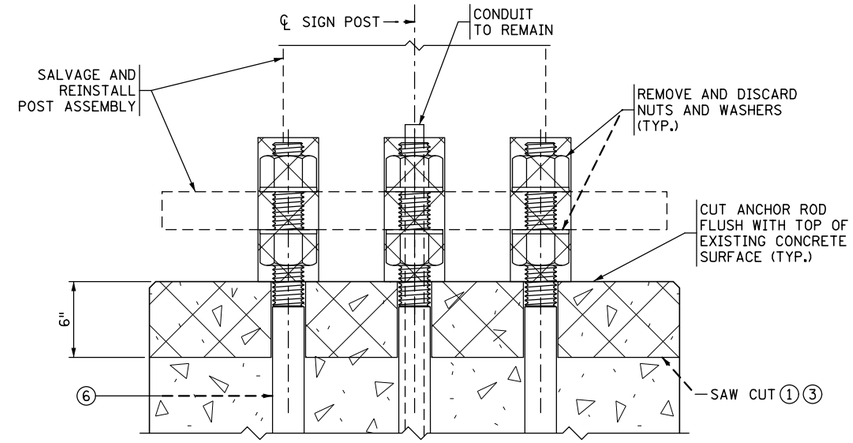
OVERHEAD SIGN STRUCTURES FOUNDATION EXTENSION

DESIGN B EXTENSION DETAILS - TYPE 8-9 POSTS

X OF X

STATE PROJ. NO. (T.H.) SHEET NO. OF SHEETS

PLOTTED/REVISED: 2-MAR-2020
PLOT NAME: OH_Sign_Fnd_Extension_DETAIL VERSION
PATH & FILENAME: OTST\Signing\Typicals\Standard Plans\OH_Sign_Fnd_Extension_DETAIL VERSION.dgn



IN-PLACE ELEVATION AND REMOVALS

NOTES:

DENOTES REMOVAL

DIMENSIONS FOR NEW WORK BASED ON INPLACE BOLT DIMENSIONS.

FIELD VERIFY FOR LENGTH OF REQUIRED THREADED ANCHOR ROD EXTENSION.

FIELD ADJUST REBAR LOCATIONS TO AVOID CONDUITS.

USE CONCRETE MIX NO. 3G52 (SPEC. 2461).

CONSTRUCT EXTENSION IN ACCORDANCE WITH THE PLAN, SPEC. 2401, AND SPEC. 2471.

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FURNISH EPOXY COATED REINFORCING BARS IN ACCORDANCE WITH SPEC. 3301.

① SAW CUT PEDESTAL PERIMETER WITHOUT CUTTING ANY INPLACE REINFORCEMENT BARS BEFORE REMOVING CONCRETE. ALL INPLACE REINFORCEMENT BARS TO REMAIN.

② CLEAN CONCRETE. REMOVE UNSOUND CONCRETE.

③ APPLY EPOXY BONDING AGENT BEFORE PLACING NEW CONCRETE.

④ INPLACE ANCHOR RODS WITH MINIMAL OR NO DETERIORATION MAY REMAIN WITHOUT CUTTING.

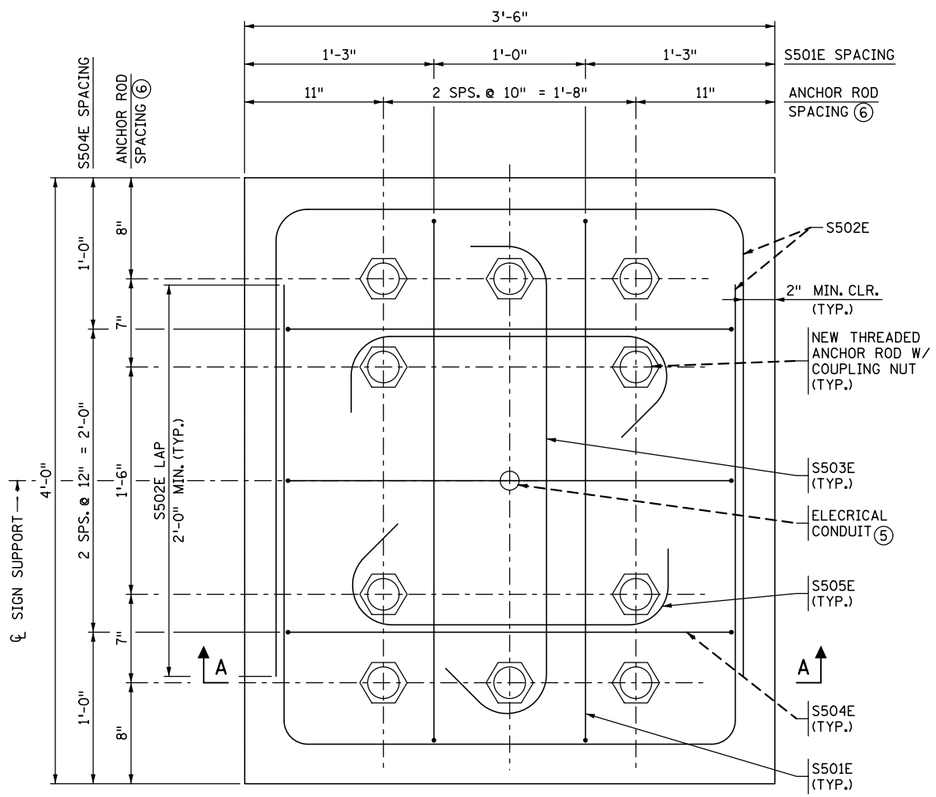
⑤ EXTEND EXISTING CONDUIT AS NEEDED.

⑥ 2¼" DIA. ANCHOR ROD (TYPE 8 POST); 2½" DIA. ANCHOR ROD (TYPE 9 POST). FIELD VERIFY.

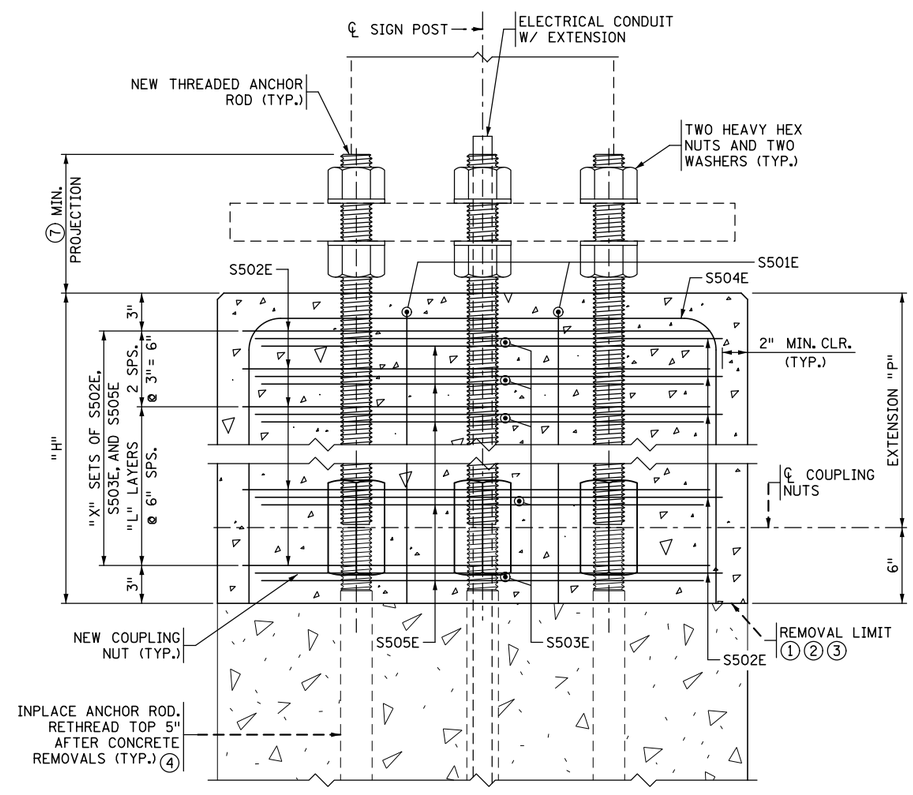
⑦ 10¼" TYPE 8 POST; 11" TYPE 9 POST.

EXTENSION DIMENSIONS AND QUANTITIES

EXTENSION, "P"	"H"	"X"	"L"	"B"	"C"	"D"	"E"	"F"	"G"	CONCRETE (CY)	REINF. STEEL (LBS.)
1'-0"	1'-6"	4	1	1'-3"	5'-11"	8	4	5'-5"	8	0.78	153
1'-6"	2'-0"	5	2	1'-9"	6'-11"	10	5	6'-5"	10	1.04	190
2'-0"	2'-6"	6	3	2'-3"	7'-11"	12	6	7'-5"	12	1.30	227



NEW CONSTRUCTION PLAN VIEW

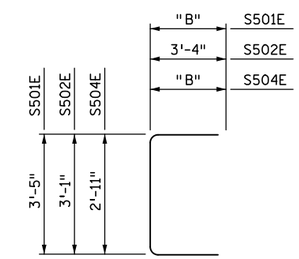


SECTION A-A

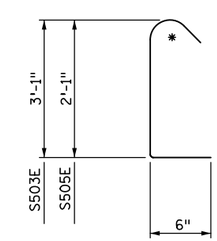
BAR BENDING DIAGRAMS

BENT BAR DIMENSIONS GIVEN ARE OUT-TO-OUT. DETERMINE ACTUAL BAR LENGTHS BASED ON THE DETAIL DIMENSIONS SHOWN IN THE BAR BENDING DIAGRAMS.

* DENOTES STANDARD STIRRUP HOOK.



S501E, S502E, & S504E



S503E & S505E

BILL OF REINFORCEMENT

BAR	NO.	LENGTH	SHAPE	LOCATION
S501E	2	"C"		VERTICAL TIE
S502E	"D"	9'-9"		HORIZONTAL TIE
S503E	"E"	4'-1"		HORIZONTAL TIE
S504E	3	"F"		VERTICAL TIE
S505E	"G"	3'-1"		HORIZONTAL TIE

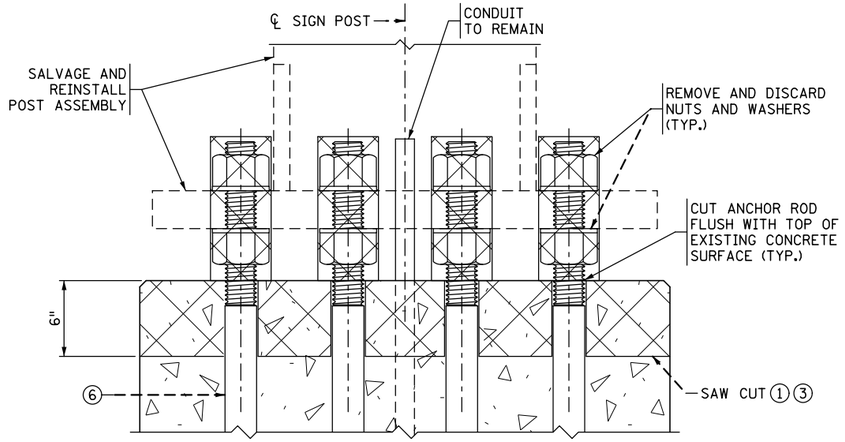
OVERHEAD SIGN STRUCTURES FOUNDATION EXTENSION

DESIGN B EXTENSION DETAILS - TYPE 8-9 POSTS

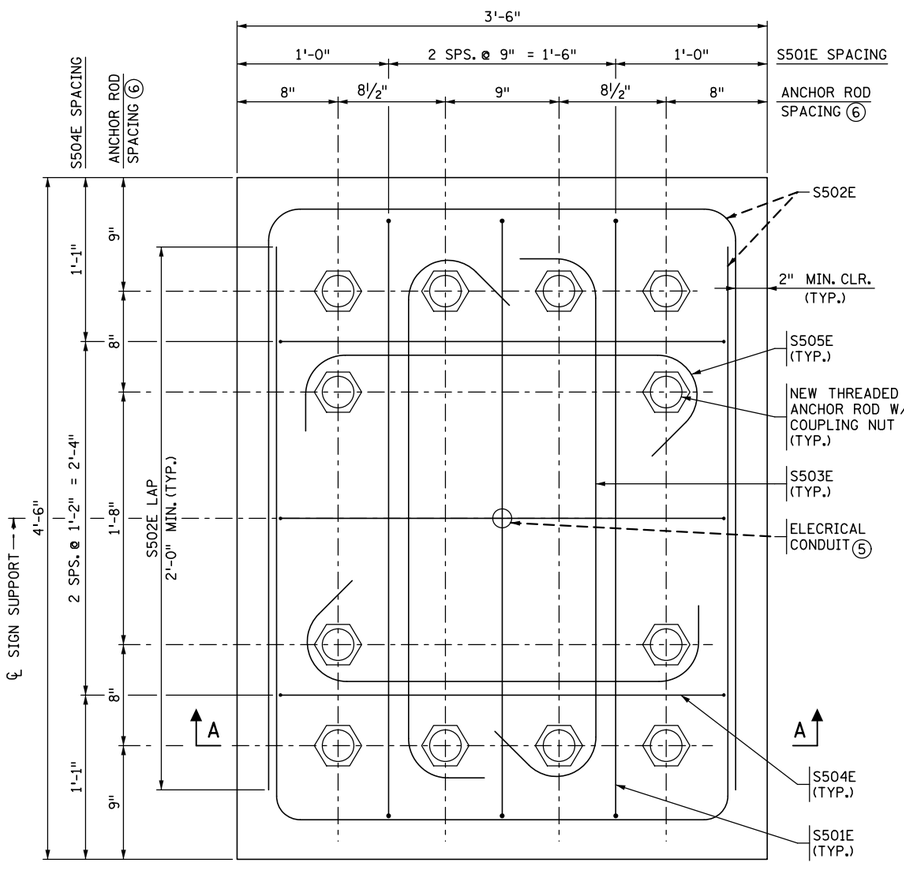
X OF X

STATE PROJ. NO. (T.H.) SHEET NO. OF SHEETS

PLOTTED/REVISED: 2-MAR-2020
PLOT NAME: OH_Sign_Fnd_Extension_DETAIL VERSION
PATH & FILENAME: OTST\Signing\Typicals\Standard Plans\OH_Sign_Fnd_Extension_DETAIL VERSION.dgn



IN-PLACE ELEVATION AND REMOVALS



NEW CONSTRUCTION PLAN VIEW

NOTES:

DENOTES REMOVAL

DIMENSIONS FOR NEW WORK BASED ON INPLACE BOLT DIMENSIONS.

FIELD VERIFY FOR LENGTH OF REQUIRED THREADED ANCHOR ROD EXTENSION.

FIELD ADJUST REBAR LOCATIONS TO AVOID CONDUITS.

USE CONCRETE MIX NO. 3G52 (SPEC. 2461).

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FURNISH TYPE B ANCHOR RODS IN ACCORDANCE WITH SPEC. 3385.

FURNISH EPOXY COATED REINFORCING BARS IN ACCORDANCE WITH SPEC. 3301.

① SAW CUT PEDESTAL PERIMETER WITHOUT CUTTING ANY INPLACE REINFORCEMENT BARS BEFORE REMOVING CONCRETE. ALL INPLACE REINFORCEMENT BARS TO REMAIN.

② CLEAN CONCRETE. REMOVE UNSOUND CONCRETE.

③ APPLY EPOXY BONDING AGENT BEFORE PLACING NEW CONCRETE.

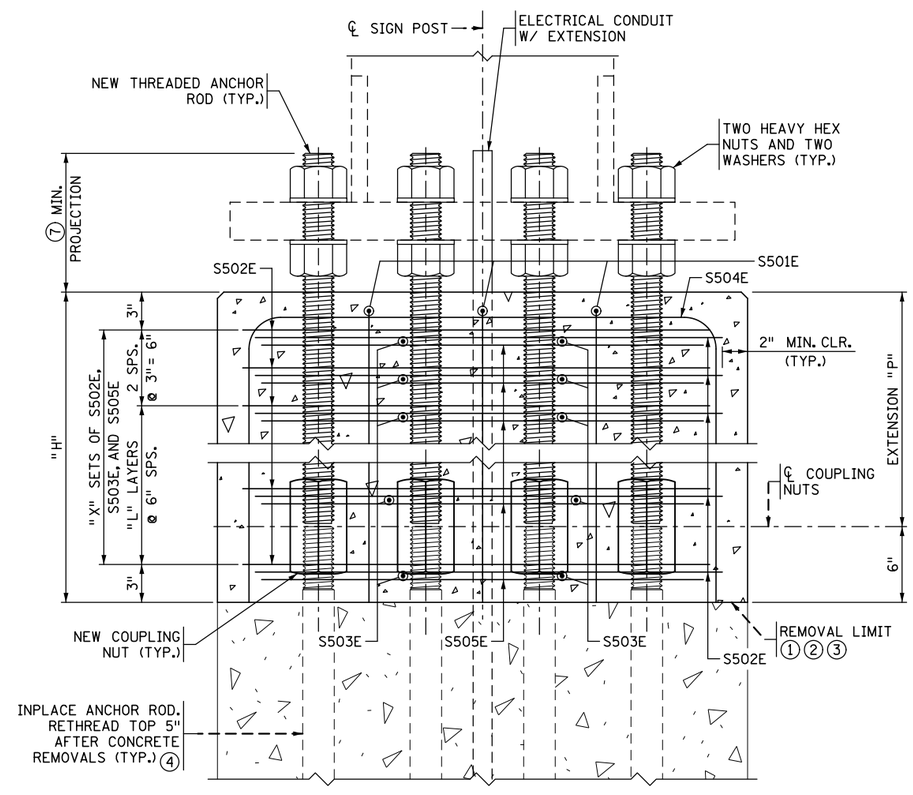
④ INPLACE ANCHOR RODS WITH MINIMAL OR NO DETERIORATION MAY REMAIN WITHOUT CUTTING.

⑤ EXTEND EXISTING CONDUIT AS NEEDED.

⑥ 2¼" DIA. ANCHOR ROD (TYPE 10 POST); 2½" DIA. ANCHOR ROD (TYPE 11 POST). 2¾" DIA. ANCHOR ROD (TYPE 12 POST); 3" DIA. ANCHOR ROD (TYPE 13 POST). FIELD VERIFY.

⑦ 9¾" TYPE 10 POST; 10½" TYPE 11 POST; 11¼" TYPE 12 POST; 12" TYPE 13 POST.

EXTENSION DIMENSIONS AND QUANTITIES										
EXTENSION, "P"	"H"	"X"	"L"	"B"	"C"	"D"	"E"	"F"	CONCRETE (CY)	REINF. STEEL (LBS.)
1'-0"	1'-6"	4	1	1'-3"	6'-5"	8	8	5'-5"	0.88	194
1'-6"	2'-0"	5	2	1'-9"	7'-5"	10	10	6'-5"	1.17	239
2'-0"	2'-6"	6	3	2'-3"	8'-5"	12	12	7'-5"	1.46	284

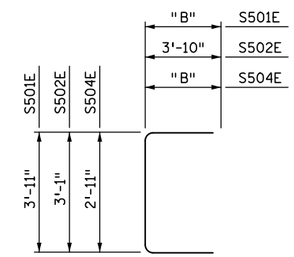


SECTION A-A

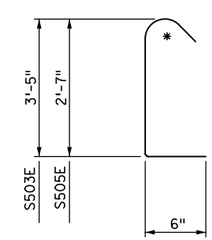
BAR BENDING DIAGRAMS

BENT BAR DIMENSIONS GIVEN ARE OUT-TO-OUT. DETERMINE ACTUAL BAR LENGTHS BASED ON THE DETAIL DIMENSIONS SHOWN IN THE BAR BENDING DIAGRAMS.

* DENOTES STANDARD STIRRUP HOOK.



S501E, S502E, & S504E



S503E & S505E

BILL OF REINFORCEMENT				
BAR	NO.	LENGTH	SHAPE	LOCATION
S501E	3	"C"		VERTICAL TIE
S502E	"D"	10'-9"		HORIZONTAL TIE
S503E	"E"	4'-5"		HORIZONTAL TIE
S504E	3	"F"		VERTICAL TIE
S505E	"E"	3'-7"		HORIZONTAL TIE

OVERHEAD SIGN STRUCTURES FOUNDATION EXTENSION

DESIGN B EXTENSION DETAILS - TYPE 10-13 POSTS

X OF X

STATE PROJ. NO. (T.H.) SHEET NO. OF SHEETS

PLOTTED/REVISED: 2-MAR-2020
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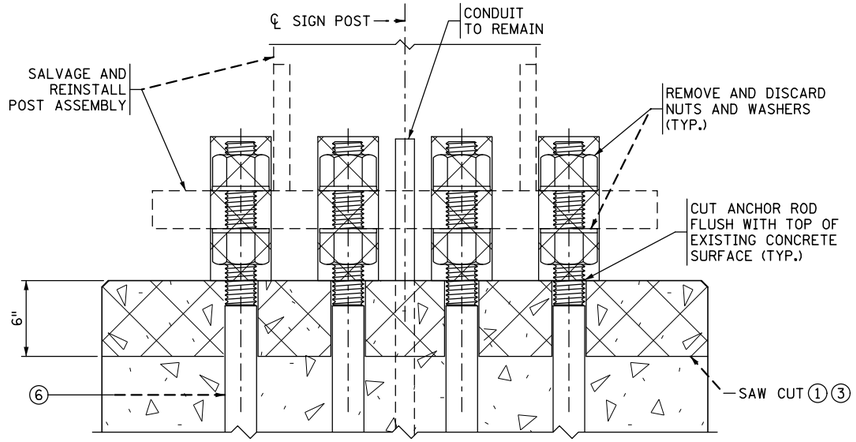
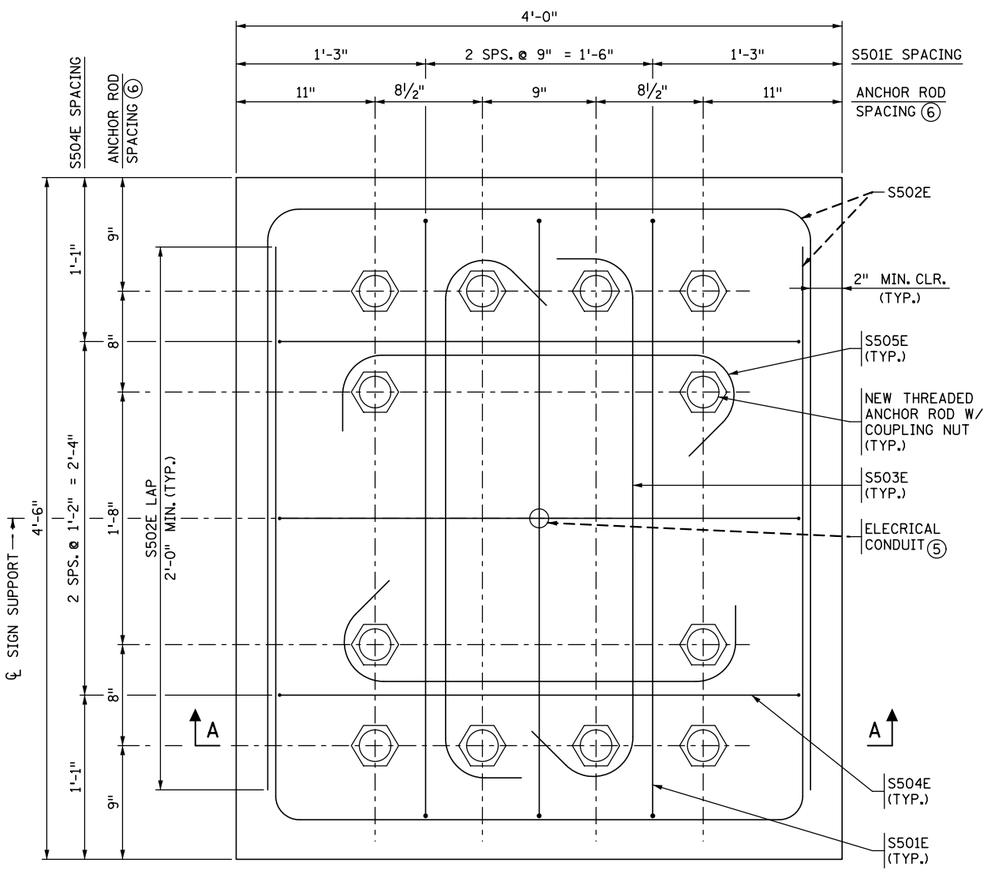


IN-PLACE ELEVATION AND REMOVALS



NEW CONSTRUCTION PLAN VIEW

NOTES:

DENOTES REMOVAL

DIMENSIONS FOR NEW WORK BASED ON INPLACE BOLT DIMENSIONS.

FIELD VERIFY FOR LENGTH OF REQUIRED THREADED ANCHOR ROD EXTENSION.

FIELD ADJUST REBAR LOCATIONS TO AVOID CONDUITS.

USE CONCRETE MIX NO. 3G52 (SPEC. 2461).

CONSTRUCT EXTENSION IN ACCORDANCE WITH THE PLAN, SPEC. 2401, AND SPEC. 2471.

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FURNISH TYPE B ANCHOR RODS IN ACCORDANCE WITH SPEC. 3385.

FURNISH EPOXY COATED REINFORCING BARS IN ACCORDANCE WITH SPEC. 3301.

① SAW CUT PEDESTAL PERIMETER WITHOUT CUTTING ANY INPLACE REINFORCEMENT BARS BEFORE REMOVING CONCRETE. ALL INPLACE REINFORCEMENT BARS TO REMAIN.

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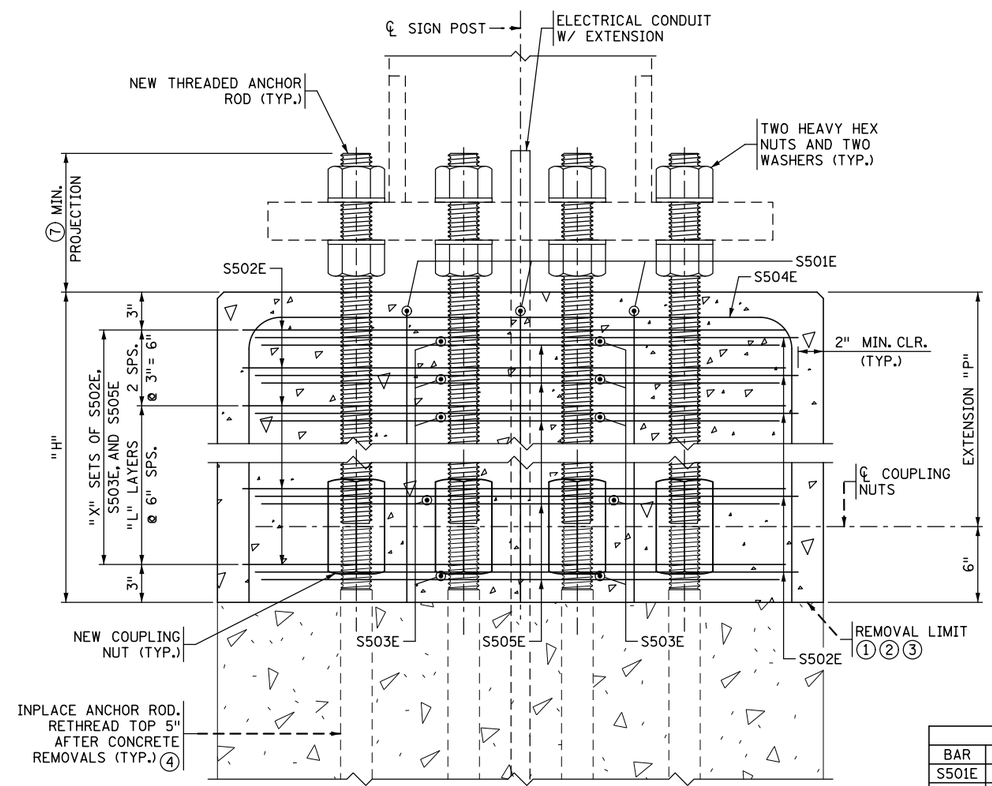
⑥ 2¼" DIA. ANCHOR ROD (TYPE 10 POST); 2½" DIA. ANCHOR ROD (TYPE 11 POST). 2¾" DIA. ANCHOR ROD (TYPE 12 POST); 3" DIA. ANCHOR ROD (TYPE 13 POST). FIELD VERIFY.

⑦ 9¾" TYPE 10 POST; 10½" TYPE 11 POST; 11¼" TYPE 12 POST; 12" TYPE 13 POST.

EXTENSION DIMENSIONS AND QUANTITIES										
EXTENSION, "P"	"H"	"X"	"L"	"B"	"C"	"D"	"E"	"F"	CONCRETE (CY)	REINF. STEEL (LBS.)
1'-0"	1'-6"	4	1	1'-3"	6'-5"	8	8	5'-11"	1.00	199
1'-6"	2'-0"	5	2	1'-9"	7'-5"	10	10	6'-11"	1.34	246
2'-0"	2'-6"	6	3	2'-3"	8'-5"	12	12	7'-11"	1.67	292



SECTION A-A

BAR BENDING DIAGRAMS

BENT BAR DIMENSIONS GIVEN ARE OUT-TO-OUT. DETERMINE ACTUAL BAR LENGTHS BASED ON THE DETAIL DIMENSIONS SHOWN IN THE BAR BENDING DIAGRAMS.

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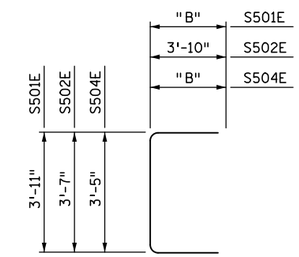
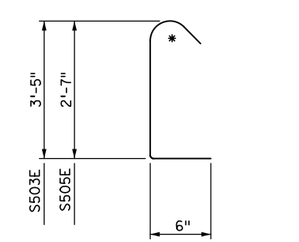


S501E, S502E, & S504E



S503E & S505E

BILL OF REINFORCEMENT				
BAR	NO.	LENGTH	SHAPE	LOCATION
S501E	3	"C"	⊓	VERTICAL TIE
S502E	"D"	11'-3"	⊓	HORIZONTAL TIE
S503E	"E"	4'-5"	⊔	HORIZONTAL TIE
S504E	3	"F"	⊓	VERTICAL TIE
S505E	"E"	3'-7"	⊔	HORIZONTAL TIE

OVERHEAD SIGN STRUCTURES FOUNDATION EXTENSION

DESIGN B EXTENSION DETAILS - TYPE 10-13 POSTS

X OF X

STATE PROJ. NO. (T.H.) SHEET NO. OF SHEETS

PLOTTED/REVISED: 2-MAR-2020
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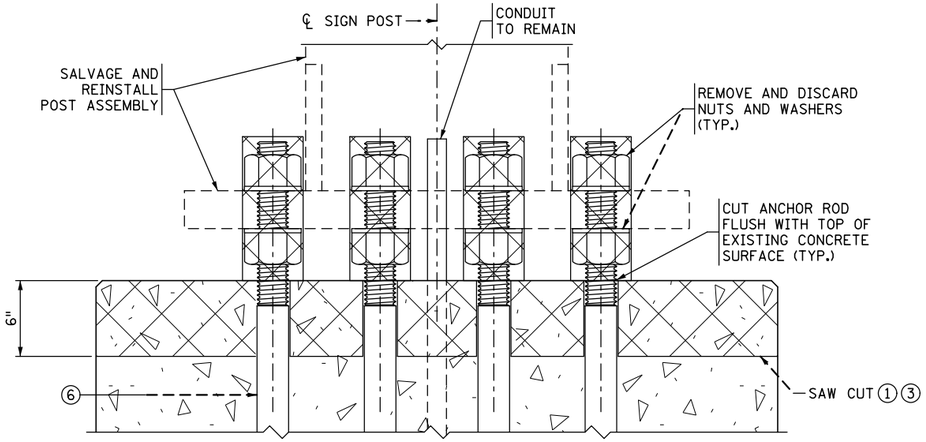
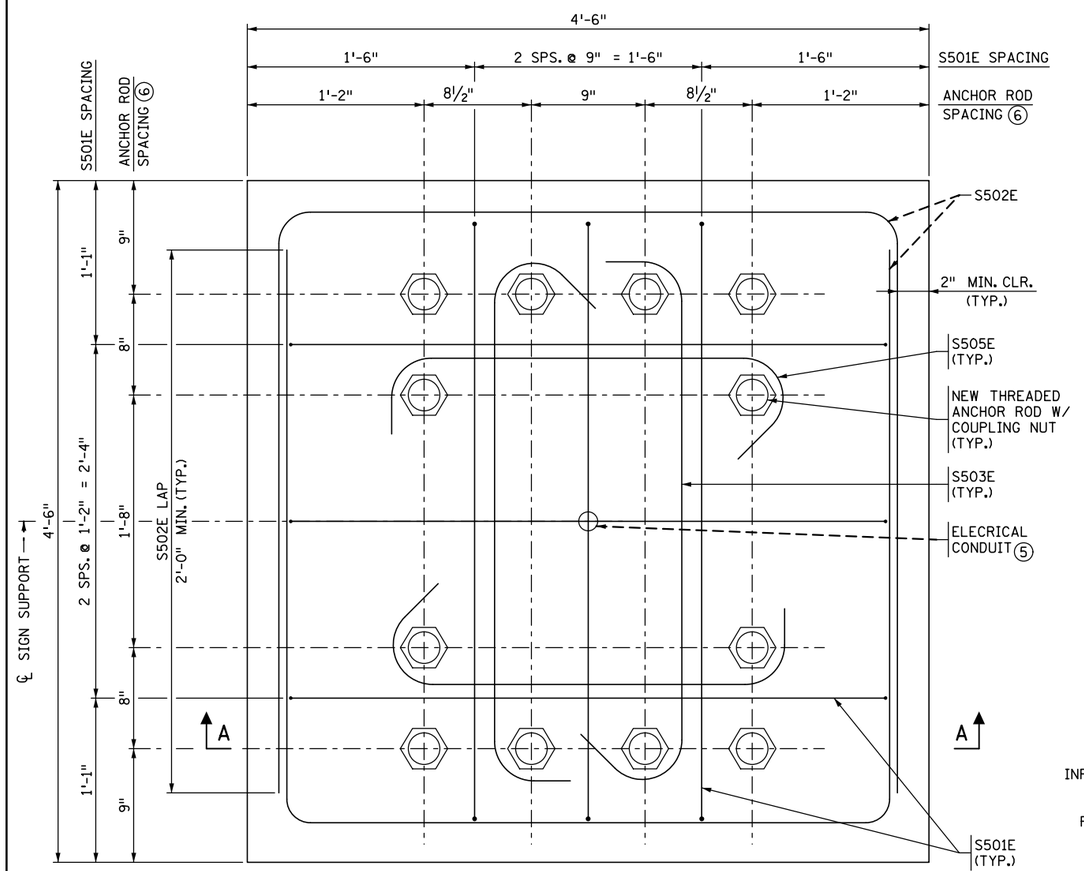
PATH & FILENAME: OTST\Signing\Typicals\Standard Plans\OH_Sign_Fnd_Extension_DETAIL VERSION.dgn



IN-PLACE ELEVATION AND REMOVALS



NEW CONSTRUCTION PLAN VIEW

NOTES:

DENOTES REMOVAL

DIMENSIONS FOR NEW WORK BASED ON INPLACE BOLT DIMENSIONS.

FIELD VERIFY FOR LENGTH OF REQUIRED THREADED ANCHOR ROD EXTENSION.

FIELD ADJUST REBAR LOCATIONS TO AVOID CONDUITS.

USE CONCRETE MIX NO. 3G52 (SPEC. 2461).

CONSTRUCT EXTENSION IN ACCORDANCE WITH THE PLAN, SPEC. 2401, AND SPEC. 2471.

QUANTITIES PROVIDED ARE FOR ONE POST BASE EXTENSION AND ARE INCLUDED IN PAY ITEM 2564.602, "OH SIGN FOUNDATION EXTENSION." REBAR QUANTITIES ARE PROVIDED FOR REFERENCE ONLY.

VERIFY THE REQUIRED EXTENSION "P" WITH THE ENGINEER.

PROVIDE COUPLING NUTS IN ACCORDANCE WITH ASTM A 563 GRADE A AND GALVANIZE IN ACCORDANCE WITH SPEC. 3392. SEE SPECIAL PROVISION FOR SPECIAL INSPECTION OF COUPLING NUT INSTALLATION.

FURNISH TYPE B ANCHOR RODS IN ACCORDANCE WITH SPEC. 3385.

FURNISH EPOXY COATED REINFORCING BARS IN ACCORDANCE WITH SPEC. 3301.

① SAW CUT PEDESTAL PERIMETER WITHOUT CUTTING ANY INPLACE REINFORCEMENT BARS BEFORE REMOVING CONCRETE. ALL INPLACE REINFORCEMENT BARS TO REMAIN.

② CLEAN CONCRETE. REMOVE UNSOUND CONCRETE.

③ APPLY EPOXY BONDING AGENT BEFORE PLACING NEW CONCRETE.

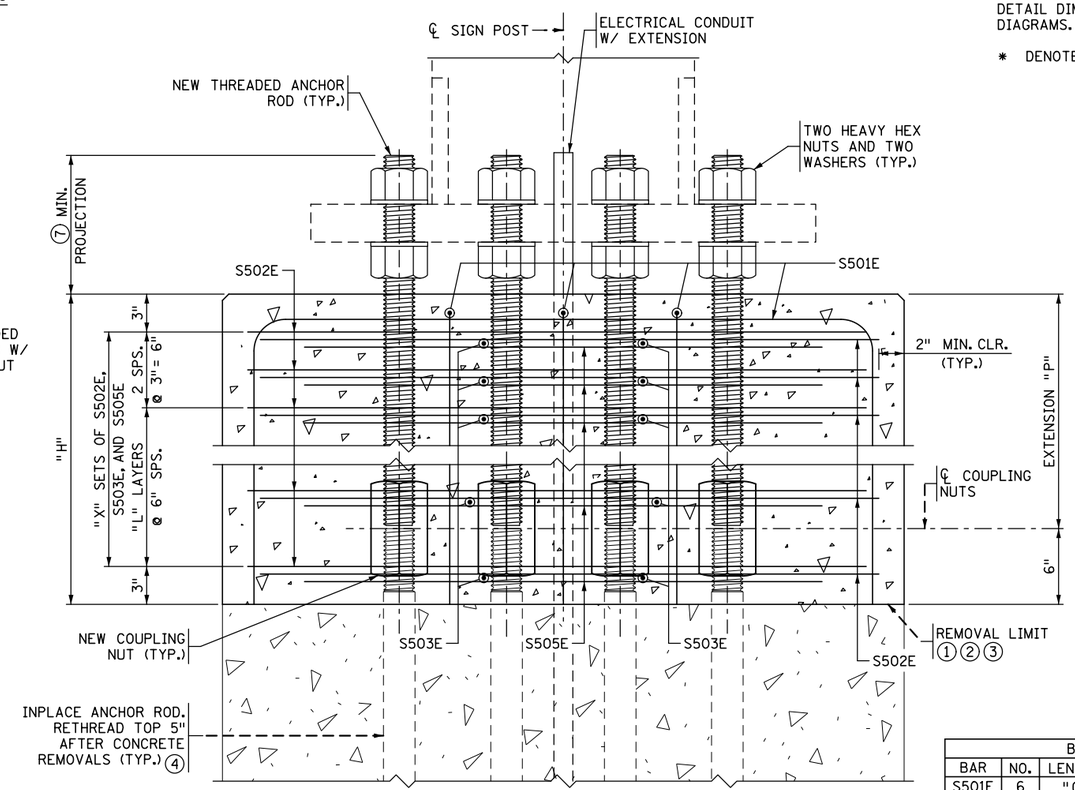
④ INPLACE ANCHOR RODS WITH MINIMAL OR NO DETERIORATION MAY REMAIN WITHOUT CUTTING.

⑤ EXTEND EXISTING CONDUIT AS NEEDED.

⑥ 2¼" DIA. ANCHOR ROD (TYPE 10 POST); 2½" DIA. ANCHOR ROD (TYPE 11 POST). 2¾" DIA. ANCHOR ROD (TYPE 12 POST); 3" DIA. ANCHOR ROD (TYPE 13 POST). FIELD VERIFY.

⑦ 9¾" TYPE 10 POST; 10½" TYPE 11 POST; 11¼" TYPE 12 POST; 12" TYPE 13 POST.

EXTENSION DIMENSIONS AND QUANTITIES									
EXTENSION, "P"	"H"	"X"	"L"	"B"	"C"	"D"	"E"	CONCRETE (CY)	REINF. STEEL (LBS.)
1'-0"	1'-6"	4	1	1'-3"	6'-5"	8	8	1.13	205
1'-6"	2'-0"	5	2	1'-9"	7'-5"	10	10	1.50	252
2'-0"	2'-6"	6	3	2'-3"	8'-5"	12	12	1.88	300

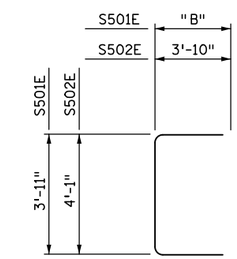


SECTION A-A

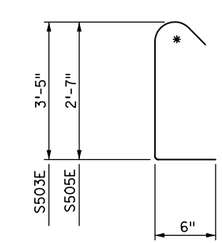
BAR BENDING DIAGRAMS

BENT BAR DIMENSIONS GIVEN ARE OUT-TO-OUT. DETERMINE ACTUAL BAR LENGTHS BASED ON THE DETAIL DIMENSIONS SHOWN IN THE BAR BENDING DIAGRAMS.

* DENOTES STANDARD STIRRUP HOOK.



S501E & S502E



S503E & S505E

BILL OF REINFORCEMENT				
BAR	NO.	LENGTH	SHAPE	LOCATION
S501E	6	"C"		VERTICAL TIE
S502E	"D"	11'-9"		HORIZONTAL TIE
S503E	"E"	4'-5"		HORIZONTAL TIE
S505E	"E"	3'-7"		HORIZONTAL TIE

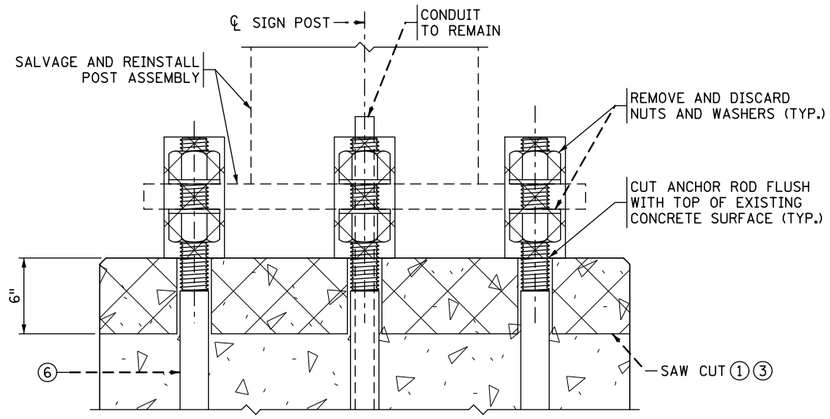
OVERHEAD SIGN STRUCTURES FOUNDATION EXTENSION

DESIGN B EXTENSION DETAILS - TYPE 10-13 POSTS

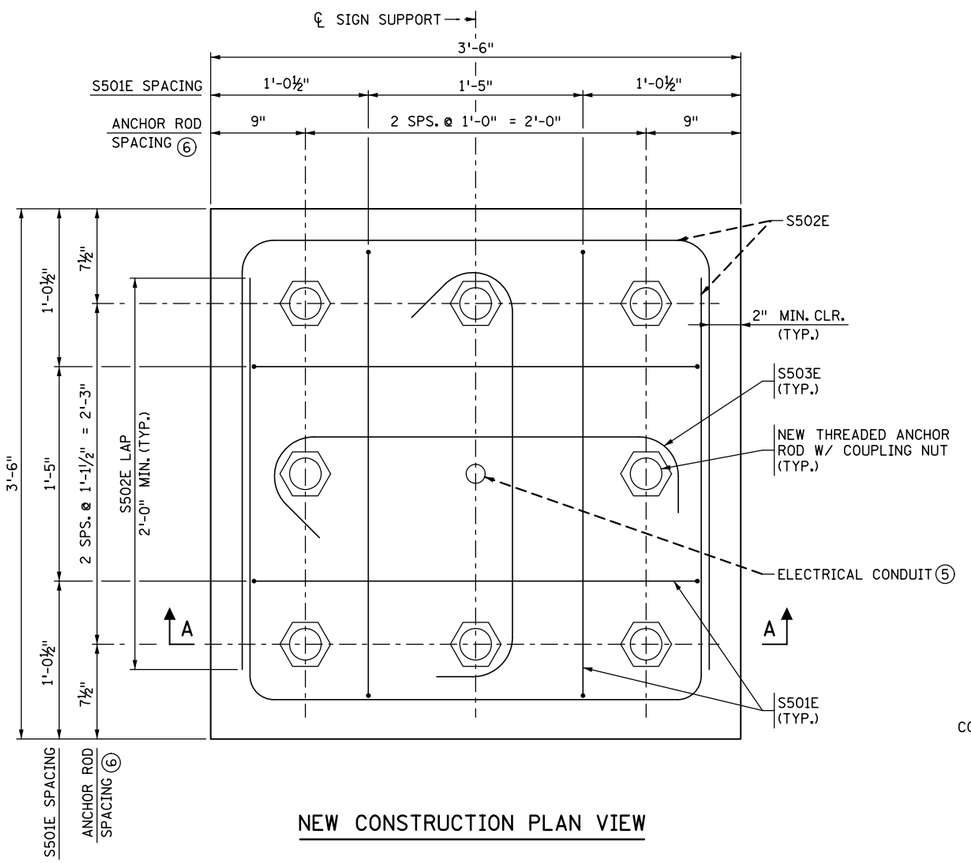
X OF X

STATE PROJ. NO. (T.H.) SHEET NO. OF SHEETS

PLOTTED/REVISED: 2-MAR-2020
PLOT NAME: OH_Sign_Fnd_Extension_DETAIL VERSION
PATH & FILENAME: OTST\Signing\Typicals\Standard Plans\OH_Sign_Fnd_Extension_DETAIL VERSION.dgn



IN-PLACE ELEVATION AND REMOVALS



NEW CONSTRUCTION PLAN VIEW

NOTES:

DENOTES REMOVAL

DIMENSIONS FOR NEW WORK BASED ON INPLACE BOLT DIMENSIONS.

FIELD VERIFY FOR LENGTH OF REQUIRED THREADED ANCHOR ROD EXTENSION.

FIELD ADJUST REBAR LOCATIONS TO AVOID CONDUITS.

USE CONCRETE MIX NO. 3G52 (SPEC. 2461).

CONSTRUCT EXTENSION IN ACCORDANCE WITH THE PLAN, SPEC. 2401, AND SPEC. 2471.

QUANTITIES PROVIDED ARE FOR ONE POST BASE EXTENSION AND ARE INCLUDED IN PAY ITEM 2564.602, "OH SIGN FOUNDATION EXTENSION." REBAR QUANTITIES ARE PROVIDED FOR REFERENCE ONLY.

VERIFY THE REQUIRED EXTENSION "P" WITH THE ENGINEER.

PROVIDE COUPLING NUTS IN ACCORDANCE WITH ASTM A 563 GRADE A AND GALVANIZE IN ACCORDANCE WITH SPEC. 3392. SEE SPECIAL PROVISION FOR SPECIAL INSPECTION OF COUPLING NUT INSTALLATION.

FURNISH TYPE B ANCHOR RODS IN ACCORDANCE WITH SPEC. 3385.

FURNISH EPOXY COATED REINFORCING BARS IN ACCORDANCE WITH SPEC. 3301.

① SAW CUT PEDESTAL PERIMETER WITHOUT CUTTING ANY INPLACE REINFORCEMENT BARS BEFORE REMOVING CONCRETE. ALL INPLACE REINFORCEMENT BARS TO REMAIN.

② CLEAN CONCRETE. REMOVE UNSOUND CONCRETE.

③ APPLY EPOXY BONDING AGENT BEFORE PLACING NEW CONCRETE.

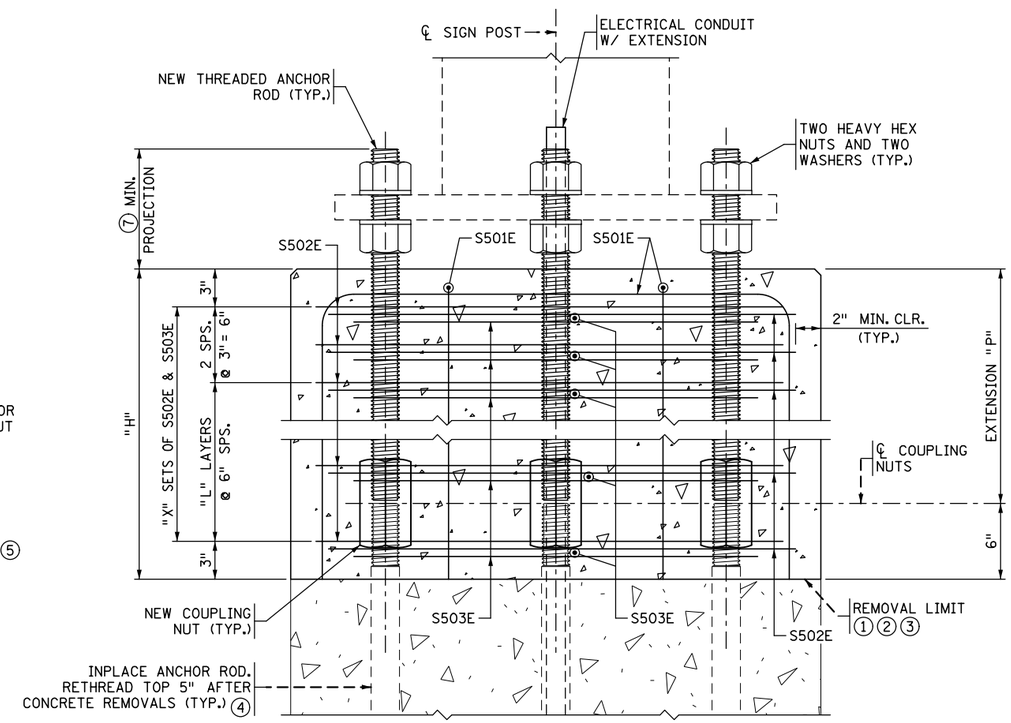
④ INPLACE ANCHOR RODS WITH MINIMAL OR NO DETERIORATION MAY REMAIN WITHOUT CUTTING.

⑤ EXTEND EXISTING CONDUIT AS NEEDED.

⑥ 2" DIA. ANCHOR ROD (TYPE 14 POST); 2¼" DIA. ANCHOR ROD (TYPE 15 POST). FIELD VERIFY.

⑦ 9" TYPE 14 POST; 9½" TYPE 15 POST.

EXTENSION DIMENSIONS AND QUANTITIES									
EXTENSION, "P"	"H"	"X"	"L"	"B"	"C"	"D"	"E"	CONCRETE (CY)	REINF. STEEL (LBS.)
1'-0"	1'-6"	4	1	1'-3"	5'-5"	8	8	0.69	126
1'-6"	2'-0"	5	2	1'-9"	6'-5"	10	10	0.91	156
2'-0"	2'-6"	6	3	2'-3"	7'-5"	12	12	1.14	186

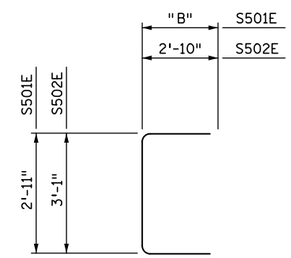


SECTION A-A

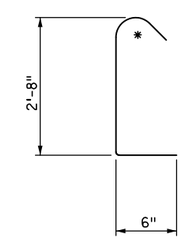
BAR BENDING DIAGRAMS

BENT BAR DIMENSIONS GIVEN ARE OUT-TO-OUT. DETERMINE ACTUAL BAR LENGTHS BASED ON THE DETAIL DIMENSIONS SHOWN IN THE BAR BENDING DIAGRAMS.

* DENOTES STANDARD STIRRUP HOOK.



S501E & S502E



S503E

BILL OF REINFORCEMENT				
BAR	NO.	LENGTH	SHAPE	LOCATION
S501E	4	"C"		VERTICAL TIE
S502E	"D"	8'-9"		HORIZONTAL TIE
S503E	"E"	3'-8"		HORIZONTAL TIE

OVERHEAD SIGN STRUCTURES FOUNDATION EXTENSION

DESIGN B EXTENSION DETAILS - TYPE 14-15 POSTS

X OF X

STATE PROJ. NO. (T.H.) SHEET NO. OF SHEETS

PLOTTED/REVISED: 2-MAR-2020
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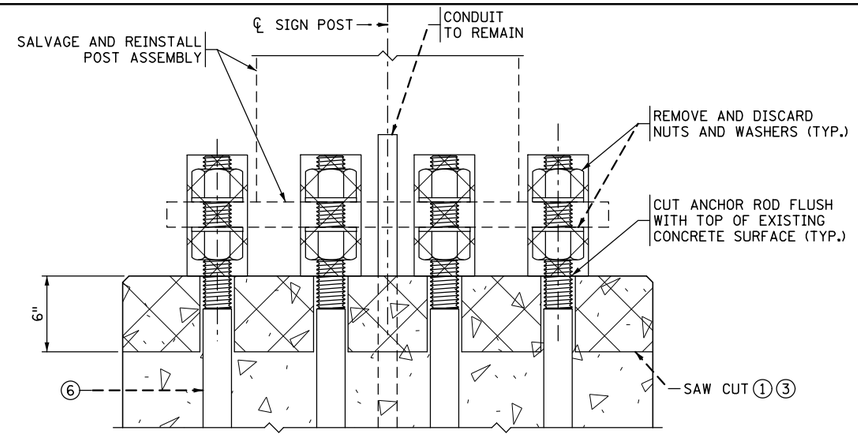
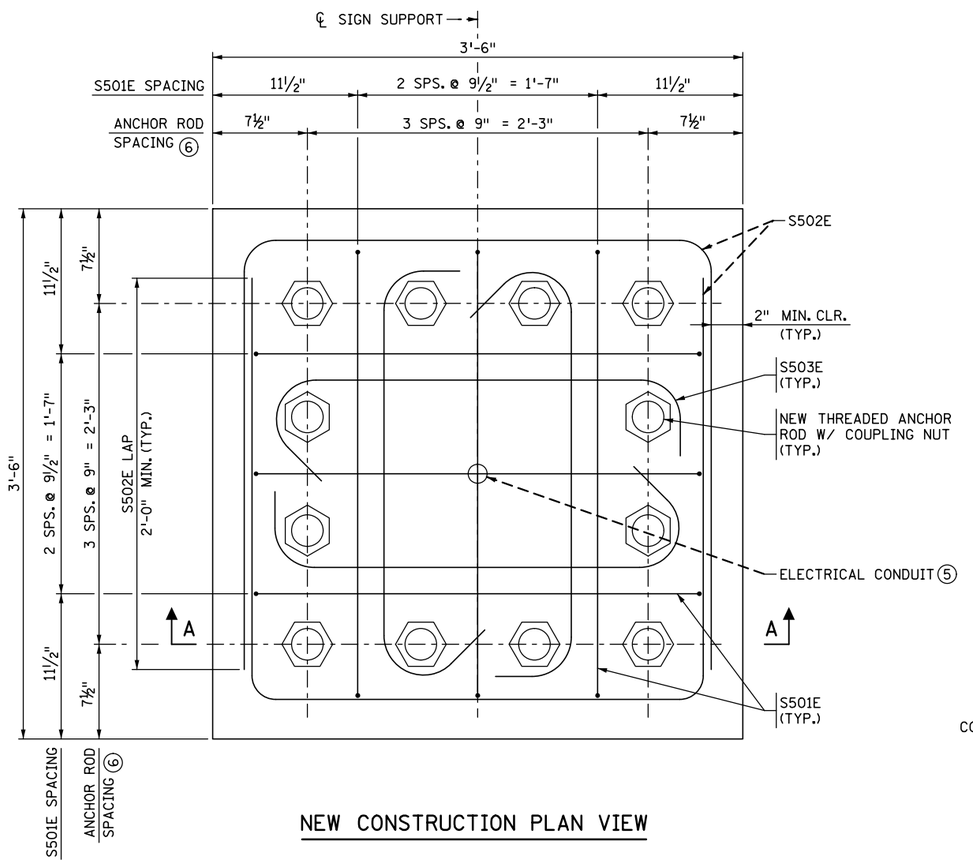
PATH & FILENAME: OTST\Signing\Typicals\Standard Plans\OH_Sign_Fnd_Extension_DETAIL VERSION.dgn



IN-PLACE ELEVATION AND REMOVALS



NEW CONSTRUCTION PLAN VIEW

NOTES:

DENOTES REMOVAL

DIMENSIONS FOR NEW WORK BASED ON INPLACE BOLT DIMENSIONS.

FIELD VERIFY FOR LENGTH OF REQUIRED THREADED ANCHOR ROD EXTENSION.

FIELD ADJUST REBAR LOCATIONS TO AVOID CONDUITS.

USE CONCRETE MIX NO. 3G52 (SPEC. 2461).

CONSTRUCT EXTENSION IN ACCORDANCE WITH THE PLAN, SPEC. 2401, AND SPEC. 2471.

QUANTITIES PROVIDED ARE FOR ONE POST BASE EXTENSION AND ARE INCLUDED IN PAY ITEM 2564.602, "OH SIGN FOUNDATION EXTENSION." REBAR QUANTITIES ARE PROVIDED FOR REFERENCE ONLY.

VERIFY THE REQUIRED EXTENSION "P" WITH THE ENGINEER.

PROVIDE COUPLING NUTS IN ACCORDANCE WITH ASTM A 563 GRADE A AND GALVANIZE IN ACCORDANCE WITH SPEC. 3392. SEE SPECIAL PROVISION FOR SPECIAL INSPECTION OF COUPLING NUT INSTALLATION.

FURNISH TYPE B ANCHOR RODS IN ACCORDANCE WITH SPEC. 3385.

FURNISH EPOXY COATED REINFORCING BARS IN ACCORDANCE WITH SPEC. 3301.

① SAW CUT PEDESTAL PERIMETER WITHOUT CUTTING ANY INPLACE REINFORCEMENT BARS BEFORE REMOVING CONCRETE. ALL INPLACE REINFORCEMENT BARS TO REMAIN.

② CLEAN CONCRETE. REMOVE UNSOUND CONCRETE.

③ APPLY EPOXY BONDING AGENT BEFORE PLACING NEW CONCRETE.

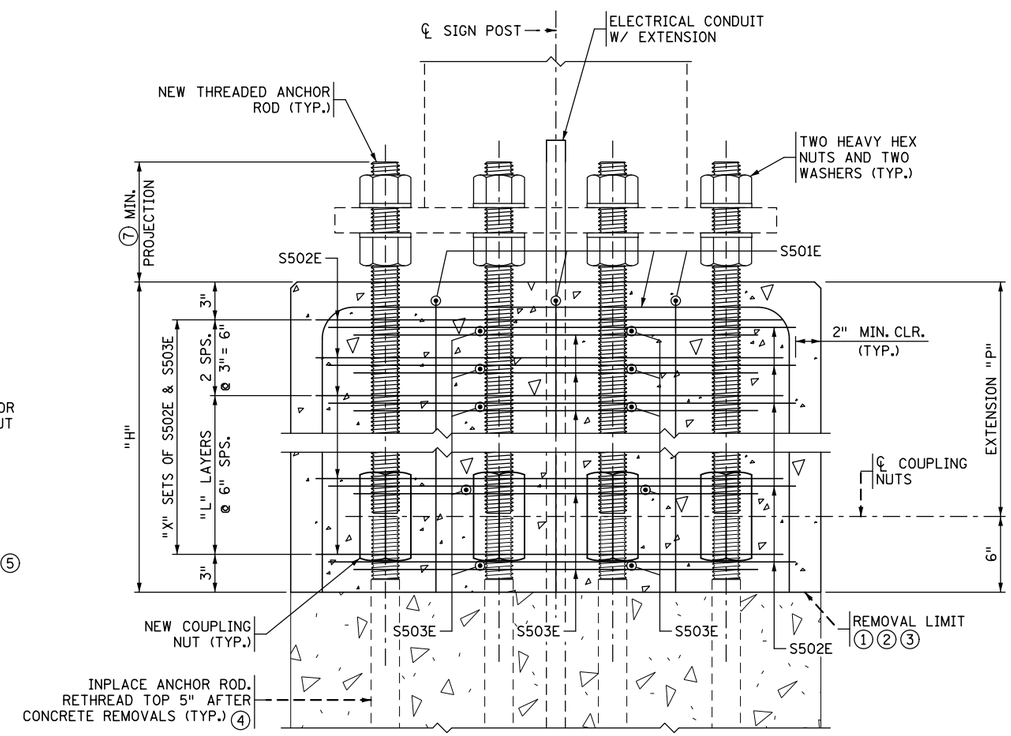
④ INPLACE ANCHOR RODS WITH MINIMAL OR NO DETERIORATION MAY REMAIN WITHOUT CUTTING.

⑤ EXTEND EXISTING CONDUIT AS NEEDED.

⑥ 2" DIA. ANCHOR ROD (TYPE 16 POST); 2¼" DIA. ANCHOR ROD (TYPE 17 POST). 2½" DIA. ANCHOR ROD (TYPE 18 POST); 2¾" DIA. ANCHOR ROD (TYPE 19 POST). FIELD VERIFY.

⑦ 9" TYPE 16 POST; 10" TYPE 17 POST; 11" TYPE 18 POST; 12" TYPE 19 POST.

EXTENSION DIMENSIONS AND QUANTITIES									
EXTENSION, "P"	"H"	"X"	"L"	"B"	"C"	"D"	"E"	CONCRETE (CY)	REINF. STEEL (LBS.)
1'-0"	1'-6"	4	1	1'-3"	5'-5"	8	16	0.69	168
1'-6"	2'-0"	5	2	1'-9"	6'-5"	10	20	0.91	208
2'-0"	2'-6"	6	3	2'-3"	7'-5"	12	24	1.14	248

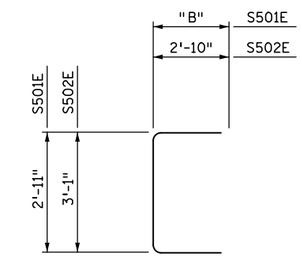


SECTION A-A

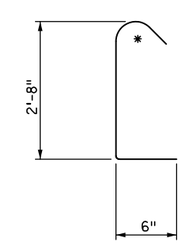
BAR BENDING DIAGRAMS

BENT BAR DIMENSIONS GIVEN ARE OUT-TO-OUT. DETERMINE ACTUAL BAR LENGTHS BASED ON THE DETAIL DIMENSIONS SHOWN IN THE BAR BENDING DIAGRAMS.

* DENOTES STANDARD STIRRUP HOOK.



S501E & S502E



S503E

BILL OF REINFORCEMENT				
BAR	NO.	LENGTH	SHAPE	LOCATION
S501E	6	"C"		VERTICAL TIE
S502E	"D"	8'-9"		HORIZONTAL TIE
S503E	"E"	3'-8"		HORIZONTAL TIE

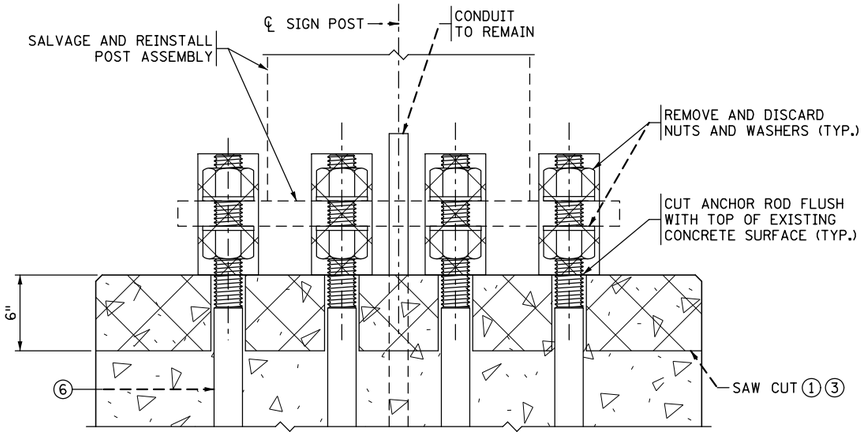
OVERHEAD SIGN STRUCTURES FOUNDATION EXTENSION

DESIGN B EXTENSION DETAILS - TYPE 16-19 POSTS

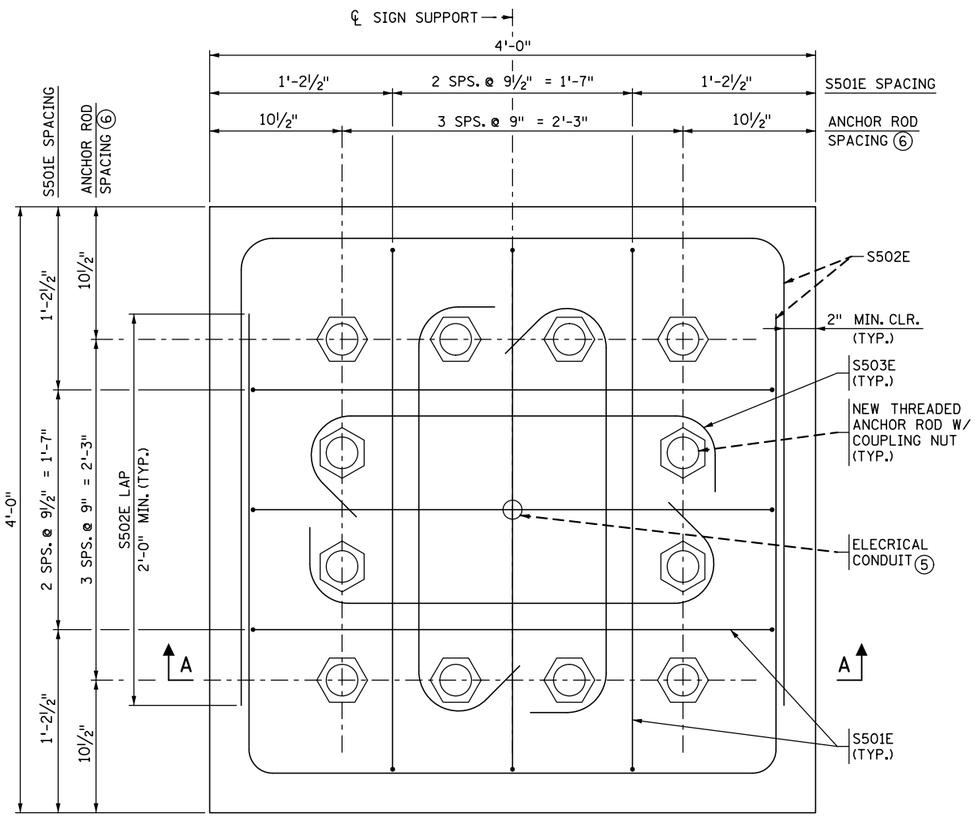
X OF X

STATE PROJ. NO. (T.H.) SHEET NO. OF SHEETS

PLOTTED/REVISED: 2-MAR-2020
PLOT NAME: OH_Sign_Fnd_Extension_DETAIL VERSION
PATH & FILENAME: OTST\Signing\Typicals\Standard Plans\OH_Sign_Fnd_Extension_DETAIL VERSION.dgn



IN-PLACE ELEVATION AND REMOVALS



NEW CONSTRUCTION PLAN VIEW

NOTES:

DENOTES REMOVAL

DIMENSIONS FOR NEW WORK BASED ON INPLACE BOLT DIMENSIONS.

FIELD VERIFY FOR LENGTH OF REQUIRED THREADED ANCHOR ROD EXTENSION.

FIELD ADJUST REBAR LOCATIONS TO AVOID CONDUITS.

USE CONCRETE MIX NO. 3G52 (SPEC. 2461).

CONSTRUCT EXTENSION IN ACCORDANCE WITH THE PLAN, SPEC. 2401, AND SPEC. 2471.

QUANTITIES PROVIDED ARE FOR ONE POST BASE EXTENSION AND ARE INCLUDED IN PAY ITEM 2564.602, "OH SIGN FOUNDATION EXTENSION." REBAR QUANTITIES ARE PROVIDED FOR REFERENCE ONLY.

VERIFY THE REQUIRED EXTENSION "P" WITH THE ENGINEER.

PROVIDE COUPLING NUTS IN ACCORDANCE WITH ASTM A 563 GRADE A AND GALVANIZE IN ACCORDANCE WITH SPEC. 3392. SEE SPECIAL PROVISION FOR SPECIAL INSPECTION OF COUPLING NUT INSTALLATION.

FURNISH TYPE B ANCHOR RODS IN ACCORDANCE WITH SPEC. 3385.

FURNISH EPOXY COATED REINFORCING BARS IN ACCORDANCE WITH SPEC. 3301.

① SAW CUT PEDESTAL PERIMETER WITHOUT CUTTING ANY INPLACE REINFORCEMENT BARS BEFORE REMOVING CONCRETE. ALL INPLACE REINFORCEMENT BARS TO REMAIN.

② CLEAN CONCRETE. REMOVE UNSOUND CONCRETE.

③ APPLY EPOXY BONDING AGENT BEFORE PLACING NEW CONCRETE.

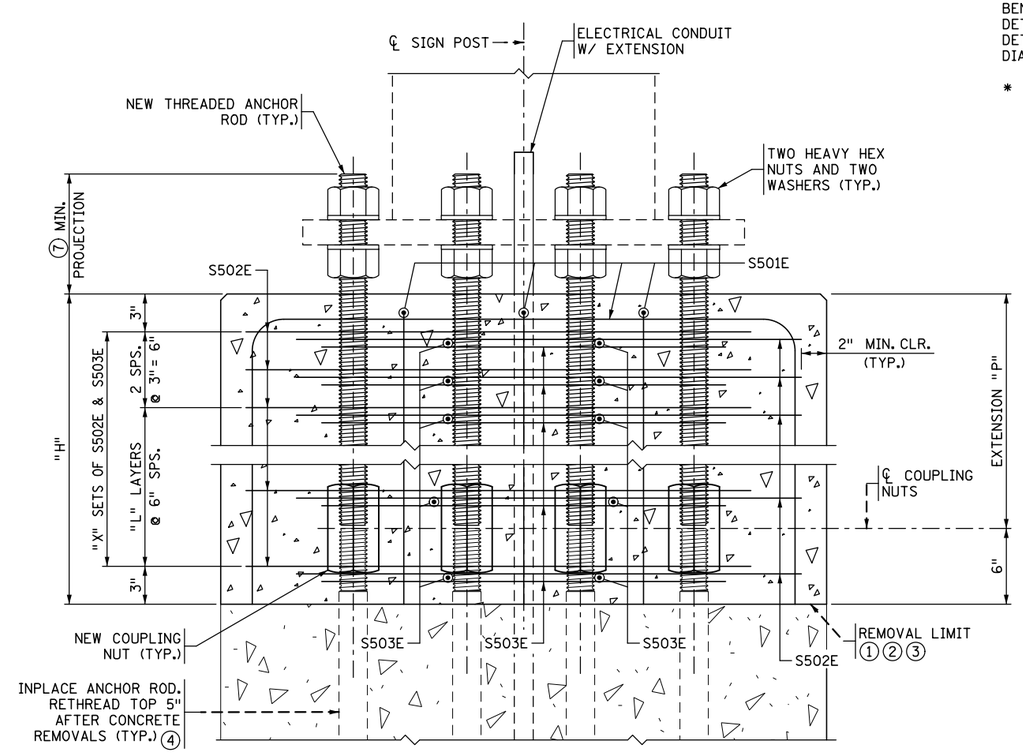
④ INPLACE ANCHOR RODS WITH MINIMAL OR NO DETERIORATION MAY REMAIN WITHOUT CUTTING.

⑤ EXTEND EXISTING CONDUIT AS NEEDED.

⑥ 2" DIA. ANCHOR ROD (TYPE 16 POST); 2¼" DIA. ANCHOR ROD (TYPE 17 POST). 2½" DIA. ANCHOR ROD (TYPE 18 POST); 2¾" DIA. ANCHOR ROD (TYPE 19 POST). FIELD VERIFY.

⑦ 9" TYPE 16 POST; 10" TYPE 17 POST; 11" TYPE 18 POST; 12" TYPE 19 POST.

EXTENSION DIMENSIONS AND QUANTITIES									
EXTENSION, "P"	"H"	"X"	"L"	"B"	"C"	"D"	"E"	CONCRETE (CY)	REINF. STEEL (LBS.)
1'-0"	1'-6"	4	1	1'-3"	5'-11"	8	16	0.89	184
1'-6"	2'-0"	5	2	1'-9"	6'-11"	10	20	1.19	227
2'-0"	2'-6"	6	3	2'-3"	7'-11"	12	24	1.49	270

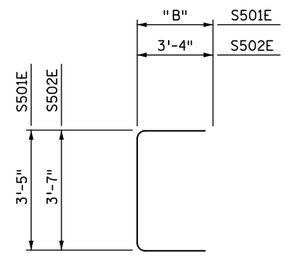


SECTION A-A

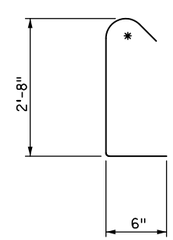
BAR BENDING DIAGRAMS

BENT BAR DIMENSIONS GIVEN ARE OUT-TO-OUT. DETERMINE ACTUAL BAR LENGTHS BASED ON THE DETAIL DIMENSIONS SHOWN IN THE BAR BENDING DIAGRAMS.

* DENOTES STANDARD STIRRUP HOOK.



S501E & S502E



S503E

BILL OF REINFORCEMENT				
BAR	NO.	LENGTH	SHAPE	LOCATION
S501E	6	"C"		VERTICAL TIE
S502E	"D"	10'-3"		HORIZONTAL TIE
S503E	"E"	3'-8"		HORIZONTAL TIE

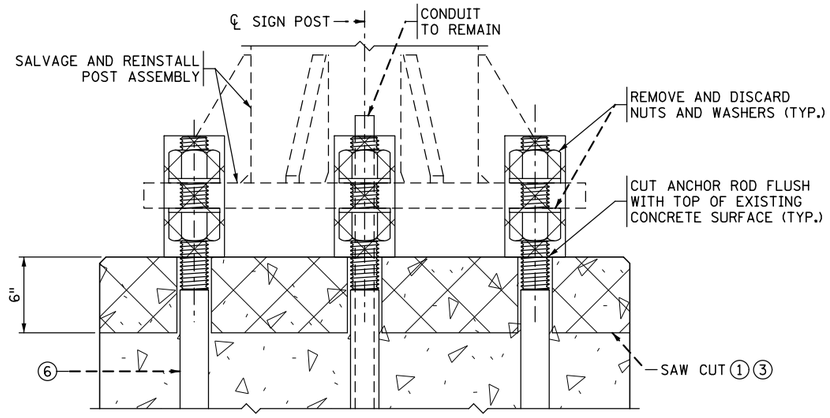
OVERHEAD SIGN STRUCTURES FOUNDATION EXTENSION

DESIGN B EXTENSION DETAILS - TYPE 16-19 POSTS

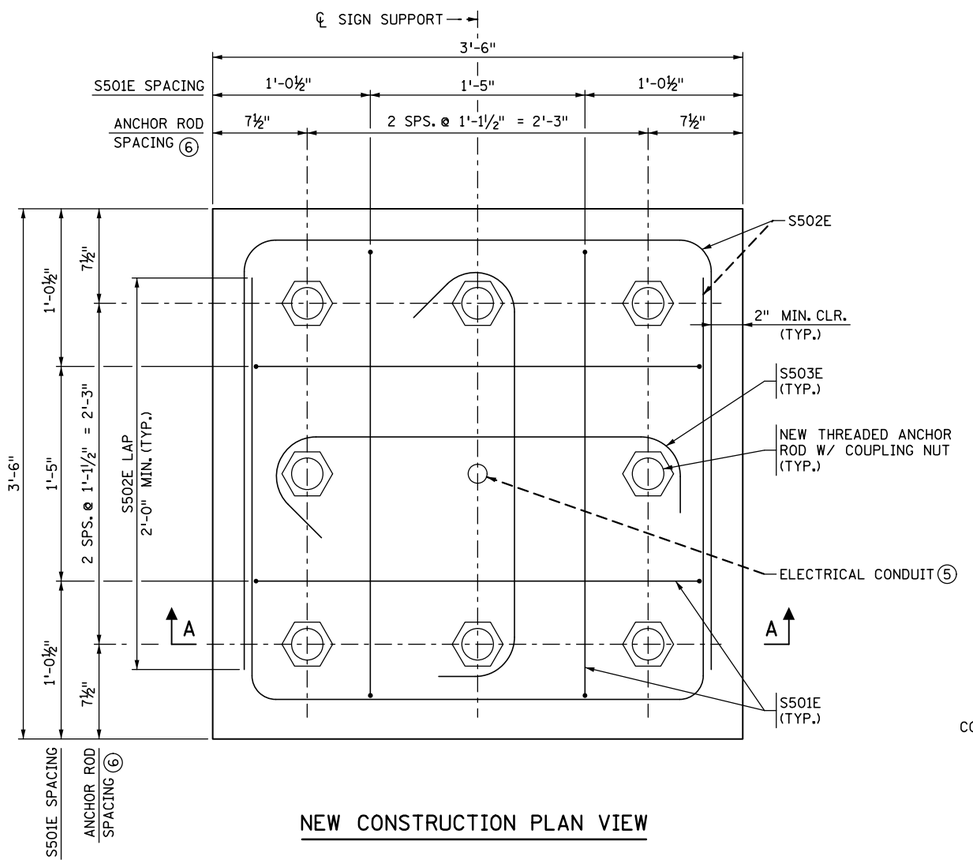
X OF X

STATE PROJ. NO. (T.H.) SHEET NO. OF SHEETS

PLOTTED/REVISED: 2-MAR-2020
PLOT NAME: OH_Sign_Fnd_Extension_DETAIL VERSION
PATH & FILENAME: OTST\Signing\Typicals\Standard Plans\OH_Sign_Fnd_Extension_DETAIL VERSION.dgn



IN-PLACE ELEVATION AND REMOVALS



NEW CONSTRUCTION PLAN VIEW

NOTES:

DENOTES REMOVAL

DIMENSIONS FOR NEW WORK BASED ON INPLACE BOLT DIMENSIONS.

FIELD VERIFY FOR LENGTH OF REQUIRED THREADED ANCHOR ROD EXTENSION.

FIELD ADJUST REBAR LOCATIONS TO AVOID CONDUITS.

USE CONCRETE MIX NO. 3G52 (SPEC. 2461).

CONSTRUCT EXTENSION IN ACCORDANCE WITH THE PLAN, SPEC. 2401, AND SPEC. 2471.

QUANTITIES PROVIDED ARE FOR ONE POST BASE EXTENSION AND ARE INCLUDED IN PAY ITEM 2564.602, "OH SIGN FOUNDATION EXTENSION." REBAR QUANTITIES ARE PROVIDED FOR REFERENCE ONLY.

VERIFY THE REQUIRED EXTENSION "P" WITH THE ENGINEER.

PROVIDE COUPLING NUTS IN ACCORDANCE WITH ASTM A 563 GRADE A AND GALVANIZE IN ACCORDANCE WITH SPEC. 3392. SEE SPECIAL PROVISION FOR SPECIAL INSPECTION OF COUPLING NUT INSTALLATION.

FURNISH TYPE B ANCHOR RODS IN ACCORDANCE WITH SPEC. 3385.

FURNISH EPOXY COATED REINFORCING BARS IN ACCORDANCE WITH SPEC. 3301.

① SAW CUT PEDESTAL PERIMETER WITHOUT CUTTING ANY INPLACE REINFORCEMENT BARS BEFORE REMOVING CONCRETE. ALL INPLACE REINFORCEMENT BARS TO REMAIN.

② CLEAN CONCRETE. REMOVE UNSOUND CONCRETE.

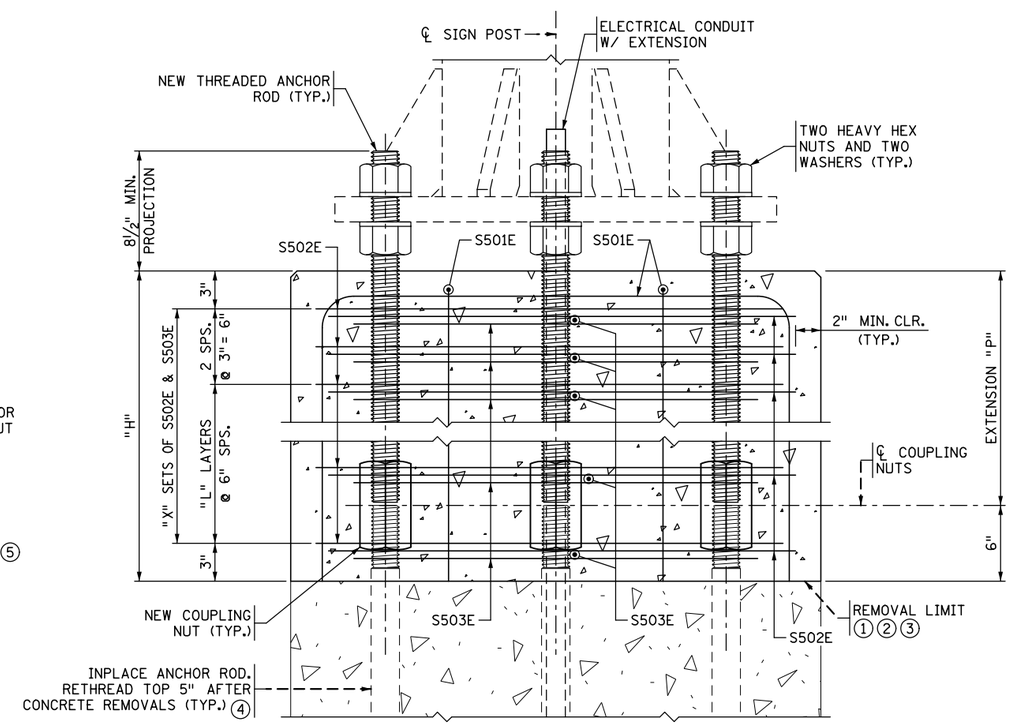
③ APPLY EPOXY BONDING AGENT BEFORE PLACING NEW CONCRETE.

④ INPLACE ANCHOR RODS WITH MINIMAL OR NO DETERIORATION MAY REMAIN WITHOUT CUTTING.

⑤ EXTEND EXISTING CONDUIT AS NEEDED.

⑥ 2¼" DIA. ANCHOR ROD. FIELD VERIFY.

EXTENSION DIMENSIONS AND QUANTITIES									
EXTENSION, "P"	"H"	"X"	"L"	"B"	"C"	"D"	"E"	CONCRETE (CY)	REINF. STEEL (LBS.)
1'-0"	1'-6"	4	1	1'-3"	5'-5"	8	8	0.69	126
1'-6"	2'-0"	5	2	1'-9"	6'-5"	10	10	0.91	156
2'-0"	2'-6"	6	3	2'-3"	7'-5"	12	12	1.14	186

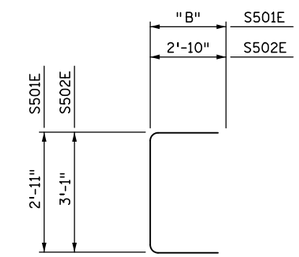


SECTION A-A

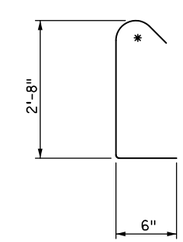
BAR BENDING DIAGRAMS

BENT BAR DIMENSIONS GIVEN ARE OUT-TO-OUT. DETERMINE ACTUAL BAR LENGTHS BASED ON THE DETAIL DIMENSIONS SHOWN IN THE BAR BENDING DIAGRAMS.

* DENOTES STANDARD STIRRUP HOOK.



S501E & S502E



S503E

BILL OF REINFORCEMENT				
BAR	NO.	LENGTH	SHAPE	LOCATION
S501E	4	"C"		VERTICAL TIE
S502E	"D"	8'-9"		HORIZONTAL TIE
S503E	"E"	3'-8"		HORIZONTAL TIE

OVERHEAD SIGN STRUCTURES FOUNDATION EXTENSION

INTERIM DESIGN B EXTENSION DETAILS - TYPE 1-4 POSTS

X OF X

STATE PROJ. NO. (T.H.) SHEET NO. OF SHEETS

PLOTTED/REVISED: 2-MAR-2020
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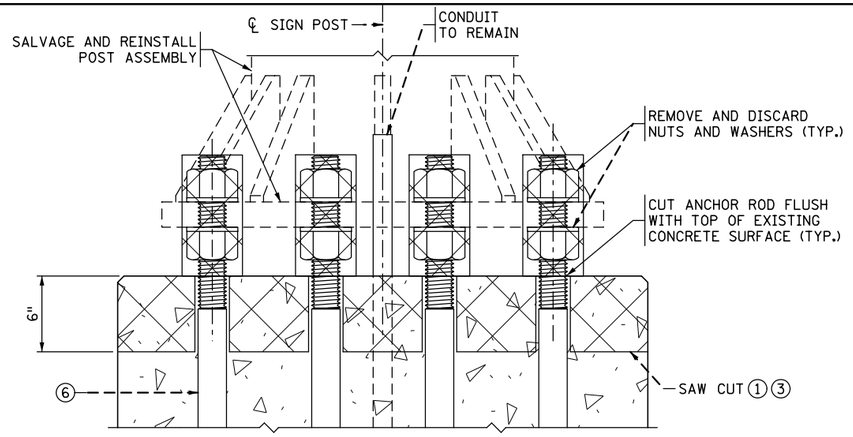
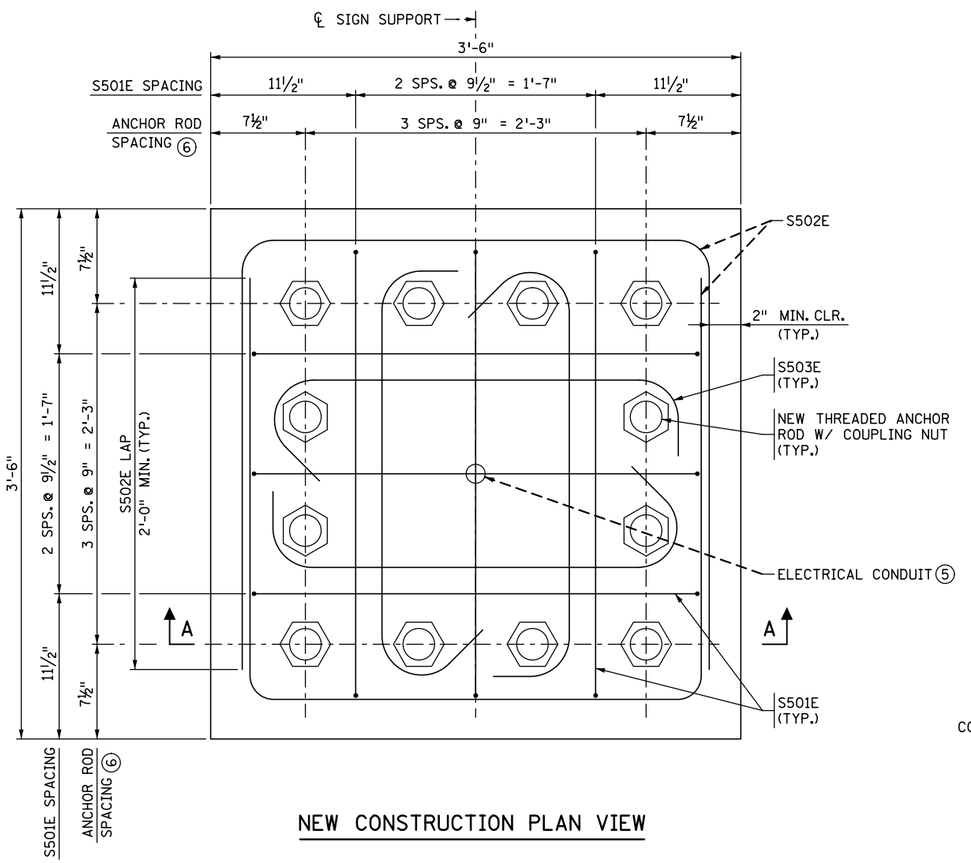


IN-PLACE ELEVATION AND REMOVALS



NEW CONSTRUCTION PLAN VIEW

NOTES:

DENOTES REMOVAL

DIMENSIONS FOR NEW WORK BASED ON INPLACE BOLT DIMENSIONS.

FIELD VERIFY FOR LENGTH OF REQUIRED THREADED ANCHOR ROD EXTENSION.

FIELD ADJUST REBAR LOCATIONS TO AVOID CONDUITS.

USE CONCRETE MIX NO. 3G52 (SPEC. 2461).

CONSTRUCT EXTENSION IN ACCORDANCE WITH THE PLAN, SPEC. 2401, AND SPEC. 2471.

QUANTITIES PROVIDED ARE FOR ONE POST BASE EXTENSION AND ARE INCLUDED IN PAY ITEM 2564.602, "OH SIGN FOUNDATION EXTENSION." REBAR QUANTITIES ARE PROVIDED FOR REFERENCE ONLY.

VERIFY THE REQUIRED EXTENSION "P" WITH THE ENGINEER.

PROVIDE COUPLING NUTS IN ACCORDANCE WITH ASTM A 563 GRADE A AND GALVANIZE IN ACCORDANCE WITH SPEC. 3392. SEE SPECIAL PROVISION FOR SPECIAL INSPECTION OF COUPLING NUT INSTALLATION.

FURNISH TYPE B ANCHOR RODS IN ACCORDANCE WITH SPEC. 3385.

FURNISH EPOXY COATED REINFORCING BARS IN ACCORDANCE WITH SPEC. 3301.

① SAW CUT PEDESTAL PERIMETER WITHOUT CUTTING ANY INPLACE REINFORCEMENT BARS BEFORE REMOVING CONCRETE. ALL INPLACE REINFORCEMENT BARS TO REMAIN.

② CLEAN CONCRETE. REMOVE UNSOUND CONCRETE.

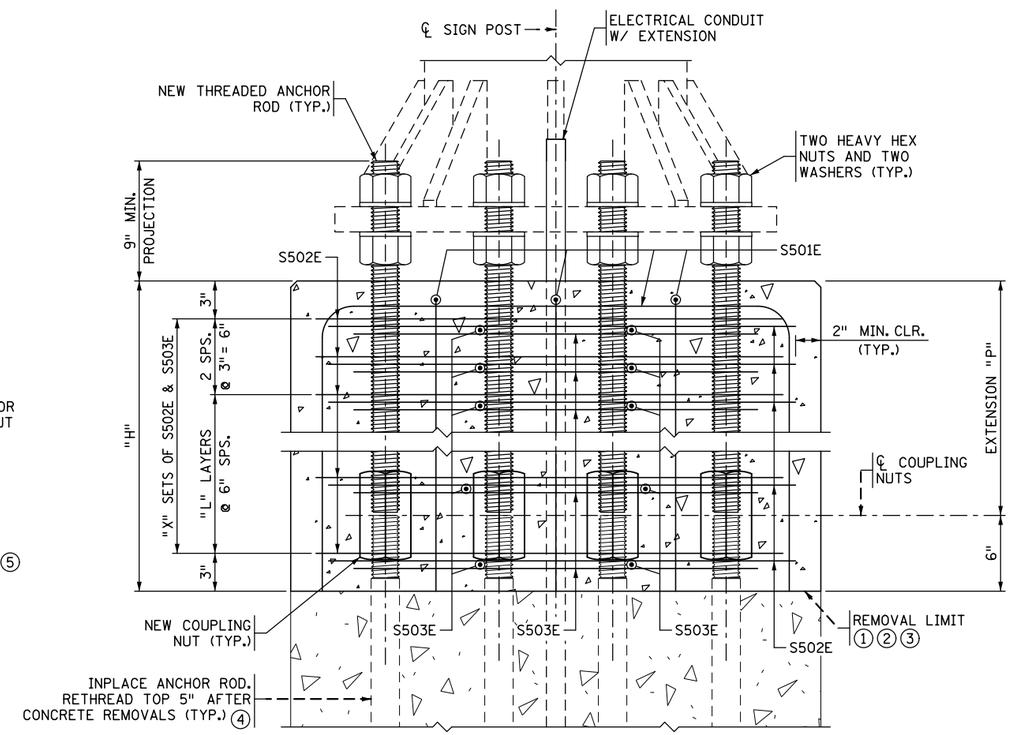
③ APPLY EPOXY BONDING AGENT BEFORE PLACING NEW CONCRETE.

④ INPLACE ANCHOR RODS WITH MINIMAL OR NO DETERIORATION MAY REMAIN WITHOUT CUTTING.

⑤ EXTEND EXISTING CONDUIT AS NEEDED.

⑥ 2½" DIA. ANCHOR ROD. FIELD VERIFY.

EXTENSION DIMENSIONS AND QUANTITIES									
EXTENSION, "P"	"H"	"X"	"L"	"B"	"C"	"D"	"E"	CONCRETE (CY)	REINF. STEEL (LBS.)
1'-0"	1'-6"	4	1	1'-3"	5'-5"	8	16	0.69	168
1'-6"	2'-0"	5	2	1'-9"	6'-5"	10	20	0.91	208
2'-0"	2'-6"	6	3	2'-3"	7'-5"	12	24	1.14	248

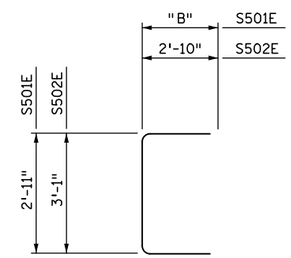


SECTION A-A

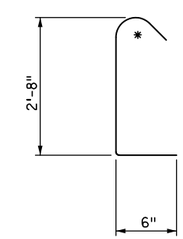
BAR BENDING DIAGRAMS

BENT BAR DIMENSIONS GIVEN ARE OUT-TO-OUT. DETERMINE ACTUAL BAR LENGTHS BASED ON THE DETAIL DIMENSIONS SHOWN IN THE BAR BENDING DIAGRAMS.

* DENOTES STANDARD STIRRUP HOOK.



S501E & S502E



S503E

BILL OF REINFORCEMENT				
BAR	NO.	LENGTH	SHAPE	LOCATION
S501E	6	"C"		VERTICAL TIE
S502E	"D"	8'-9"		HORIZONTAL TIE
S503E	"E"	3'-8"		HORIZONTAL TIE

OVERHEAD SIGN STRUCTURES FOUNDATION EXTENSION

INTERIM DESIGN B EXTENSION DETAILS - TYPE 5-7 POSTS

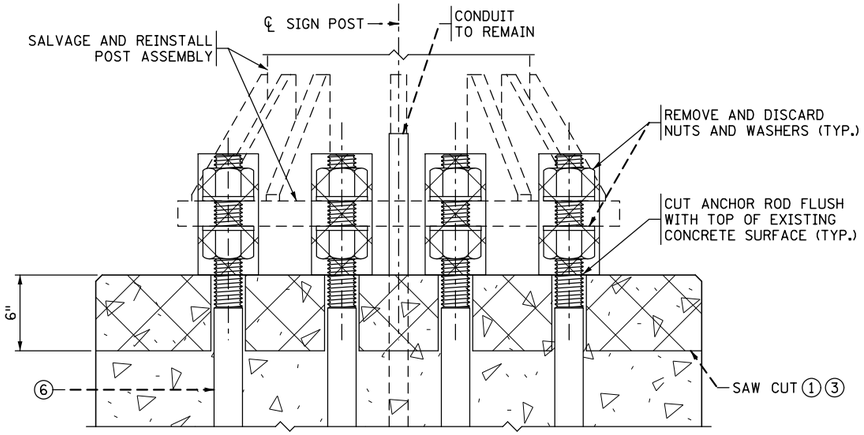
X OF X

STATE PROJ. NO. (T.H.) SHEET NO. OF SHEETS

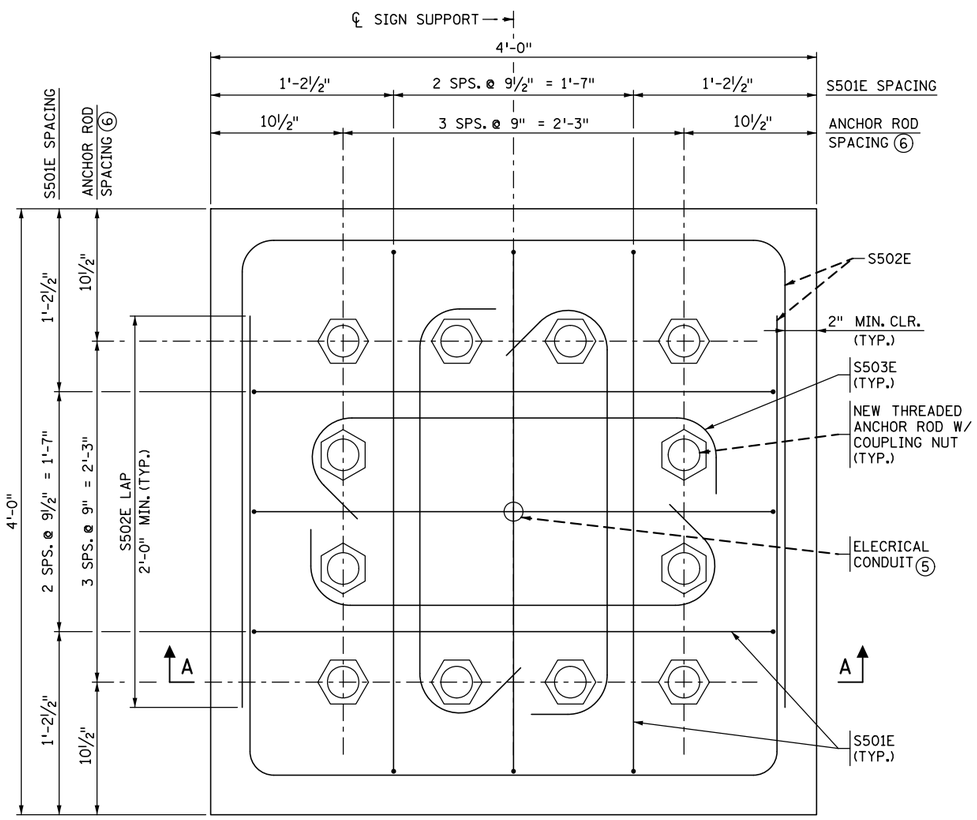
PLOTTED/REVISED: 2-MAR-2020

PLOT NAME: OH_Sign_Fnd_Extension_DETAIL VERSION

PATH & FILENAME: OTST\Signing\Typicals\Standard Plans\OH_Sign_Fnd_Extension_DETAIL VERSION.dgn



IN-PLACE ELEVATION AND REMOVALS



NOTES:

DENOTES REMOVAL

DIMENSIONS FOR NEW WORK BASED ON INPLACE BOLT DIMENSIONS.

FIELD VERIFY FOR LENGTH OF REQUIRED THREADED ANCHOR ROD EXTENSION.

FIELD ADJUST REBAR LOCATIONS TO AVOID CONDUITS.

USE CONCRETE MIX NO. 3G52 (SPEC. 2461).

CONSTRUCT EXTENSION IN ACCORDANCE WITH THE PLAN, SPEC. 2401, AND SPEC. 2471.

QUANTITIES PROVIDED ARE FOR ONE POST BASE EXTENSION AND ARE INCLUDED IN PAY ITEM 2564.602, "OH SIGN FOUNDATION EXTENSION." REBAR QUANTITIES ARE PROVIDED FOR REFERENCE ONLY.

VERIFY THE REQUIRED EXTENSION "P" WITH THE ENGINEER.

PROVIDE COUPLING NUTS IN ACCORDANCE WITH ASTM A 563 GRADE A AND GALVANIZE IN ACCORDANCE WITH SPEC. 3392. SEE SPECIAL PROVISION FOR SPECIAL INSPECTION OF COUPLING NUT INSTALLATION.

FURNISH TYPE B ANCHOR RODS IN ACCORDANCE WITH SPEC. 3385.

FURNISH EPOXY COATED REINFORCING BARS IN ACCORDANCE WITH SPEC. 3301.

① SAW CUT PEDESTAL PERIMETER WITHOUT CUTTING ANY INPLACE REINFORCEMENT BARS BEFORE REMOVING CONCRETE. ALL INPLACE REINFORCEMENT BARS TO REMAIN.

② CLEAN CONCRETE. REMOVE UNSOUND CONCRETE.

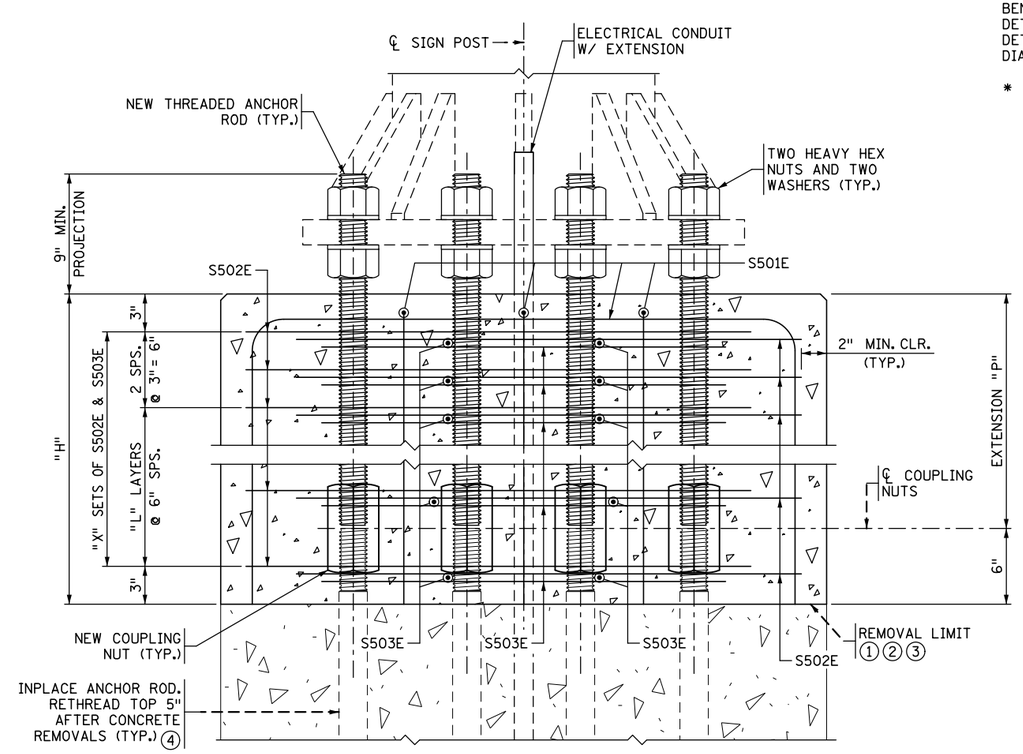
③ APPLY EPOXY BONDING AGENT BEFORE PLACING NEW CONCRETE.

④ INPLACE ANCHOR RODS WITH MINIMAL OR NO DETERIORATION MAY REMAIN WITHOUT CUTTING.

⑤ EXTEND EXISTING CONDUIT AS NEEDED.

⑥ 2½" DIA. ANCHOR ROD. FIELD VERIFY.

EXTENSION DIMENSIONS AND QUANTITIES									
EXTENSION, "P"	"H"	"X"	"L"	"B"	"C"	"D"	"E"	CONCRETE (CY)	REINF. STEEL (LBS.)
1'-0"	1'-6"	4	1	1'-3"	5'-11"	8	16	0.89	184
1'-6"	2'-0"	5	2	1'-9"	6'-11"	10	20	1.19	227
2'-0"	2'-6"	6	3	2'-3"	7'-11"	12	24	1.49	270

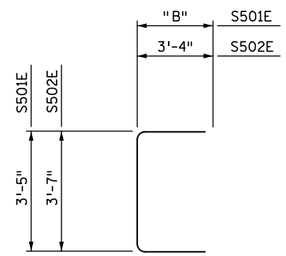


SECTION A-A

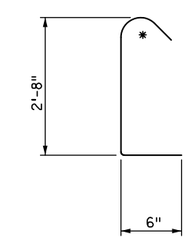
BAR BENDING DIAGRAMS

BENT BAR DIMENSIONS GIVEN ARE OUT-TO-OUT. DETERMINE ACTUAL BAR LENGTHS BASED ON THE DETAIL DIMENSIONS SHOWN IN THE BAR BENDING DIAGRAMS.

* DENOTES STANDARD STIRRUP HOOK.



S501E & S502E



S503E

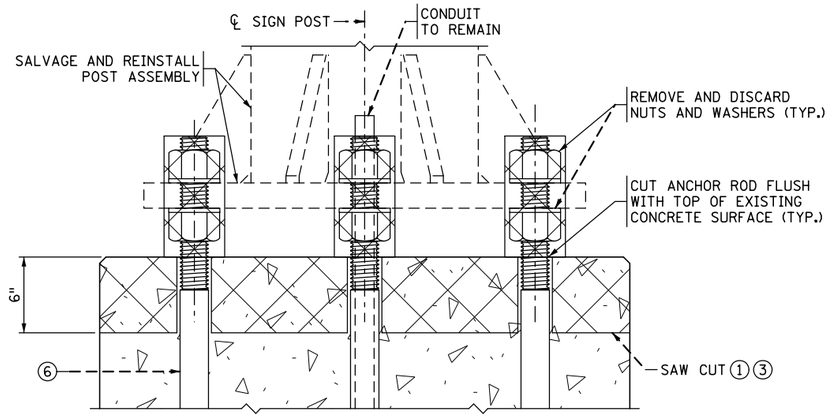
BILL OF REINFORCEMENT				
BAR	NO.	LENGTH	SHAPE	LOCATION
S501E	6	"C"		VERTICAL TIE
S502E	"D"	10'-3"		HORIZONTAL TIE
S503E	"E"	3'-8"		HORIZONTAL TIE

OVERHEAD SIGN STRUCTURES
FOUNDATION EXTENSION
INTERIM DESIGN B EXTENSION DETAILS - TYPE 5-7 POSTS

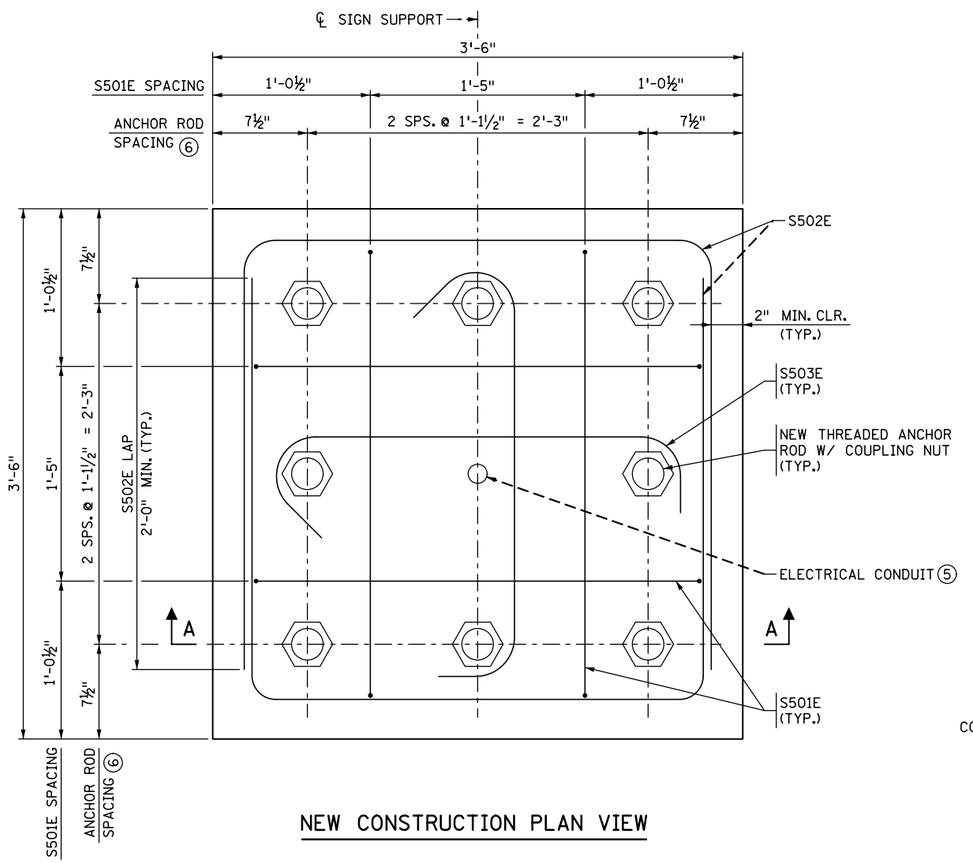
X OF X

STATE PROJ. NO. (T.H.) SHEET NO. OF SHEETS

PLOTTED/REVISED: 2-MAR-2020
PLOT NAME: OH_Sign_Fnd_Extension_DETAIL VERSION
PATH & FILENAME: OTST\Signing\Typicals\Standard Plans\OH_Sign_Fnd_Extension_DETAIL VERSION.dgn



IN-PLACE ELEVATION AND REMOVALS



NEW CONSTRUCTION PLAN VIEW

NOTES:

DENOTES REMOVAL

DIMENSIONS FOR NEW WORK BASED ON INPLACE BOLT DIMENSIONS.

FIELD VERIFY FOR LENGTH OF REQUIRED THREADED ANCHOR ROD EXTENSION.

FIELD ADJUST REBAR LOCATIONS TO AVOID CONDUITS.

USE CONCRETE MIX NO. 3G52 (SPEC. 2461).

CONSTRUCT EXTENSION IN ACCORDANCE WITH THE PLAN, SPEC. 2401, AND SPEC. 2471.

QUANTITIES PROVIDED ARE FOR ONE POST BASE EXTENSION AND ARE INCLUDED IN PAY ITEM 2564.602, "OH SIGN FOUNDATION EXTENSION." REBAR QUANTITIES ARE PROVIDED FOR REFERENCE ONLY.

VERIFY THE REQUIRED EXTENSION "P" WITH THE ENGINEER.

PROVIDE COUPLING NUTS IN ACCORDANCE WITH ASTM A 563 GRADE A AND GALVANIZE IN ACCORDANCE WITH SPEC. 3392. SEE SPECIAL PROVISION FOR SPECIAL INSPECTION OF COUPLING NUT INSTALLATION.

FURNISH TYPE B ANCHOR RODS IN ACCORDANCE WITH SPEC. 3385.

FURNISH EPOXY COATED REINFORCING BARS IN ACCORDANCE WITH SPEC. 3301.

① SAW CUT PEDESTAL PERIMETER WITHOUT CUTTING ANY INPLACE REINFORCEMENT BARS BEFORE REMOVING CONCRETE. ALL INPLACE REINFORCEMENT BARS TO REMAIN.

② CLEAN CONCRETE. REMOVE UNSOUND CONCRETE.

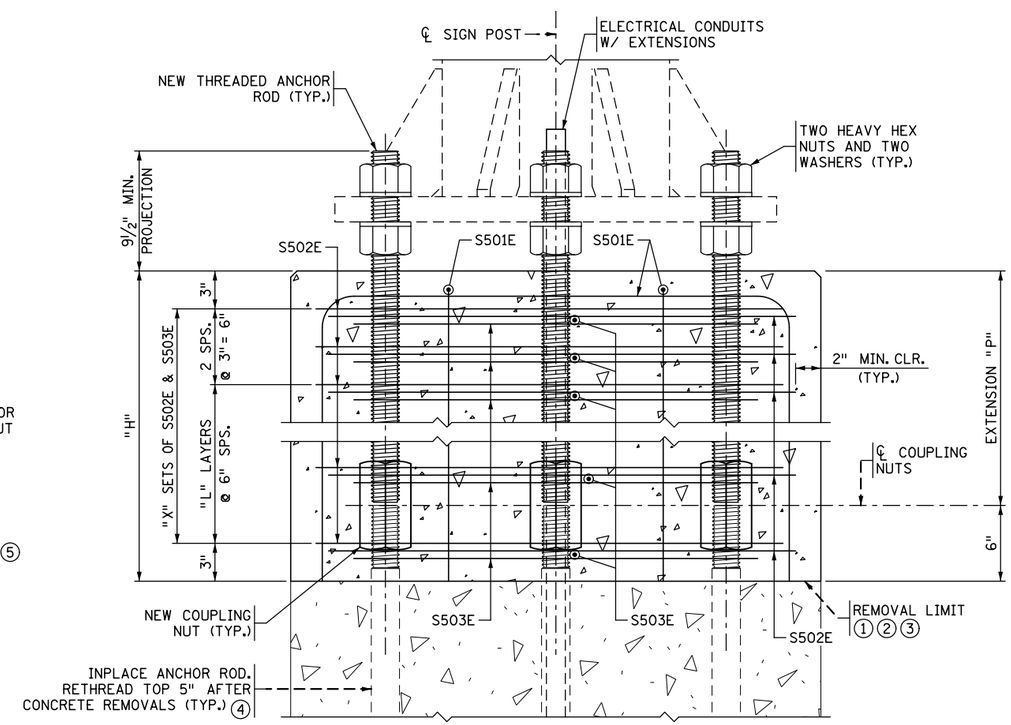
③ APPLY EPOXY BONDING AGENT BEFORE PLACING NEW CONCRETE.

④ INPLACE ANCHOR RODS WITH MINIMAL OR NO DETERIORATION MAY REMAIN WITHOUT CUTTING.

⑤ EXTEND EXISTING CONDUIT AS NEEDED.

⑥ 2¼" DIA. ANCHOR ROD. FIELD VERIFY.

EXTENSION DIMENSIONS AND QUANTITIES									
EXTENSION, "P"	"H"	"X"	"L"	"B"	"C"	"D"	"E"	CONCRETE (CY)	REINF. STEEL (LBS.)
1'-0"	1'-6"	4	1	1'-3"	5'-5"	8	8	0.69	126
1'-6"	2'-0"	5	2	1'-9"	6'-5"	10	10	0.91	156
2'-0"	2'-6"	6	3	2'-3"	7'-5"	12	12	1.14	186

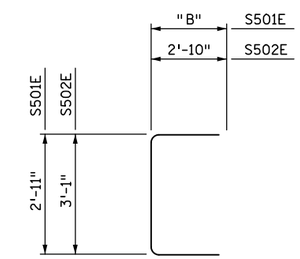


SECTION A-A

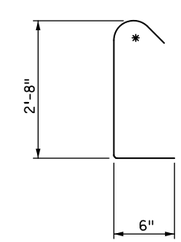
BAR BENDING DIAGRAMS

BENT BAR DIMENSIONS GIVEN ARE OUT-TO-OUT. DETERMINE ACTUAL BAR LENGTHS BASED ON THE DETAIL DIMENSIONS SHOWN IN THE BAR BENDING DIAGRAMS.

* DENOTES STANDARD STIRRUP HOOK.



S501E & S502E



S503E

BILL OF REINFORCEMENT				
BAR	NO.	LENGTH	SHAPE	LOCATION
S501E	4	"C"		VERTICAL TIE
S502E	"D"	8'-9"		HORIZONTAL TIE
S503E	"E"	3'-8"		HORIZONTAL TIE

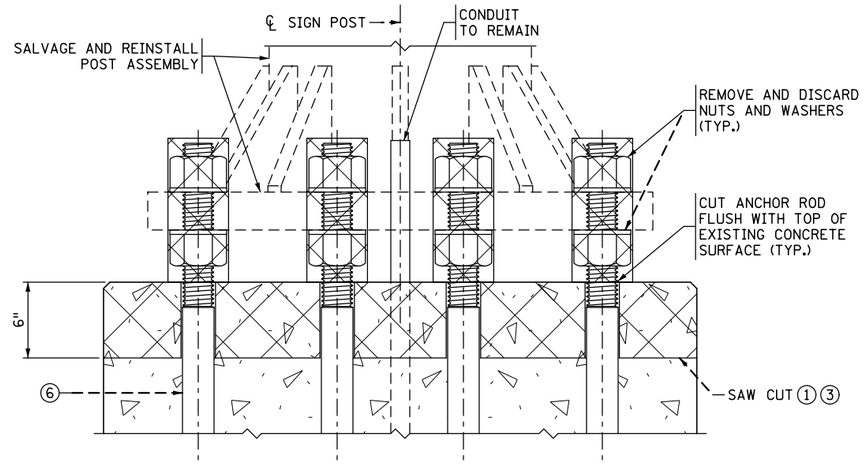
OVERHEAD SIGN STRUCTURES FOUNDATION EXTENSION

DESIGN D EXTENSION DETAILS - TYPE 1-4 POSTS

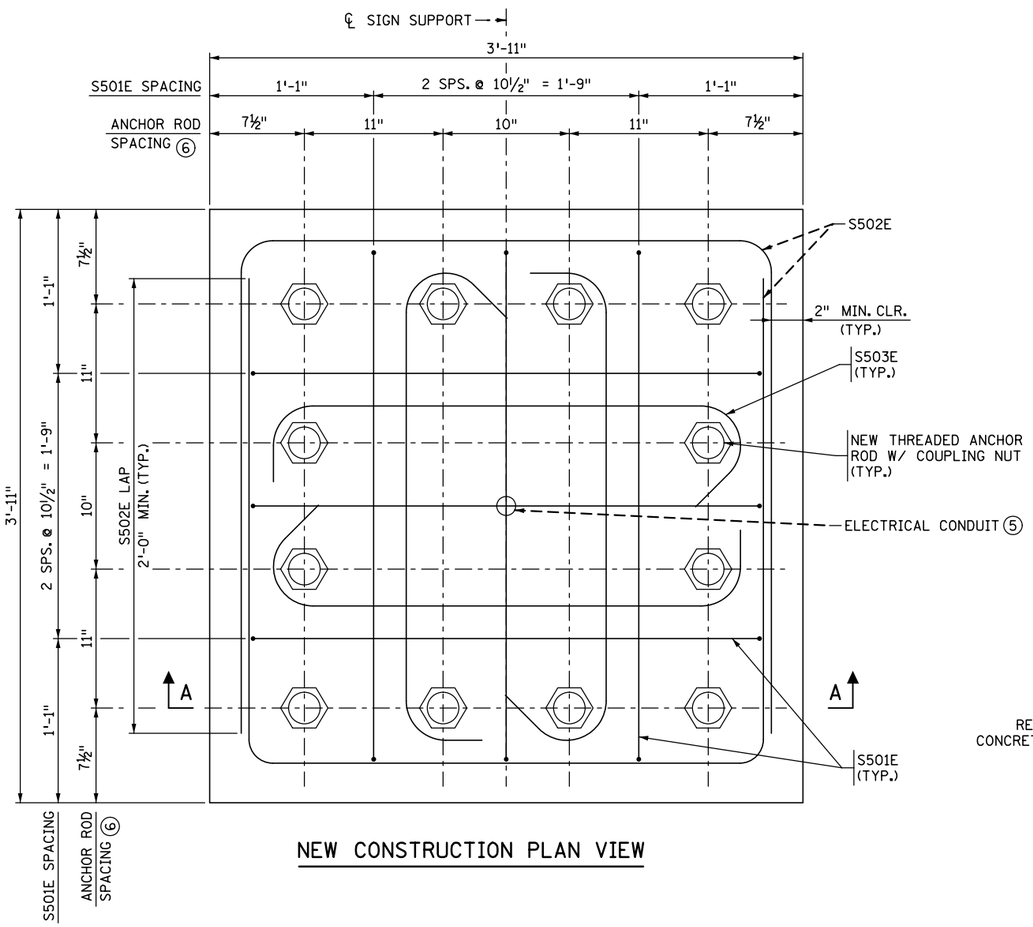
X OF X

STATE PROJ. NO. (T.H.) SHEET NO. OF SHEETS

PLOTTED/REVISED: 2-MAR-2020
PLOT NAME: OH_Sign_Fnd_Extension_DETAIL VERSION
PATH & FILENAME: OTST\Signing\Typicals\Standard Plans\OH_Sign_Fnd_Extension_DETAIL VERSION.dgn



IN-PLACE ELEVATION AND REMOVALS



NEW CONSTRUCTION PLAN VIEW

NOTES:

DENOTES REMOVAL

DIMENSIONS FOR NEW WORK BASED ON INPLACE BOLT DIMENSIONS.

FIELD VERIFY FOR LENGTH OF REQUIRED THREADED ANCHOR ROD EXTENSION.

FIELD ADJUST REBAR LOCATIONS TO AVOID CONDUITS.

USE CONCRETE MIX NO. 3G52 (SPEC. 2461).

CONSTRUCT EXTENSION IN ACCORDANCE WITH THE PLAN, SPEC. 2401, AND SPEC. 2471.

QUANTITIES PROVIDED ARE FOR ONE POST BASE EXTENSION AND ARE INCLUDED IN PAY ITEM 2564.602, "OH SIGN FOUNDATION EXTENSION." REBAR QUANTITIES ARE PROVIDED FOR REFERENCE ONLY.

VERIFY THE REQUIRED EXTENSION "P" WITH THE ENGINEER.

PROVIDE COUPLING NUTS IN ACCORDANCE WITH ASTM A 563 GRADE A AND GALVANIZE IN ACCORDANCE WITH SPEC. 3392. SEE SPECIAL PROVISION FOR SPECIAL INSPECTION OF COUPLING NUT INSTALLATION.

FURNISH TYPE B ANCHOR RODS IN ACCORDANCE WITH SPEC. 3385.

FURNISH EPOXY COATED REINFORCING BARS IN ACCORDANCE WITH SPEC. 3301.

① SAW CUT PEDESTAL PERIMETER WITHOUT CUTTING ANY INPLACE REINFORCEMENT BARS BEFORE REMOVING CONCRETE. ALL INPLACE REINFORCEMENT BARS TO REMAIN.

② CLEAN CONCRETE. REMOVE UNSOUND CONCRETE.

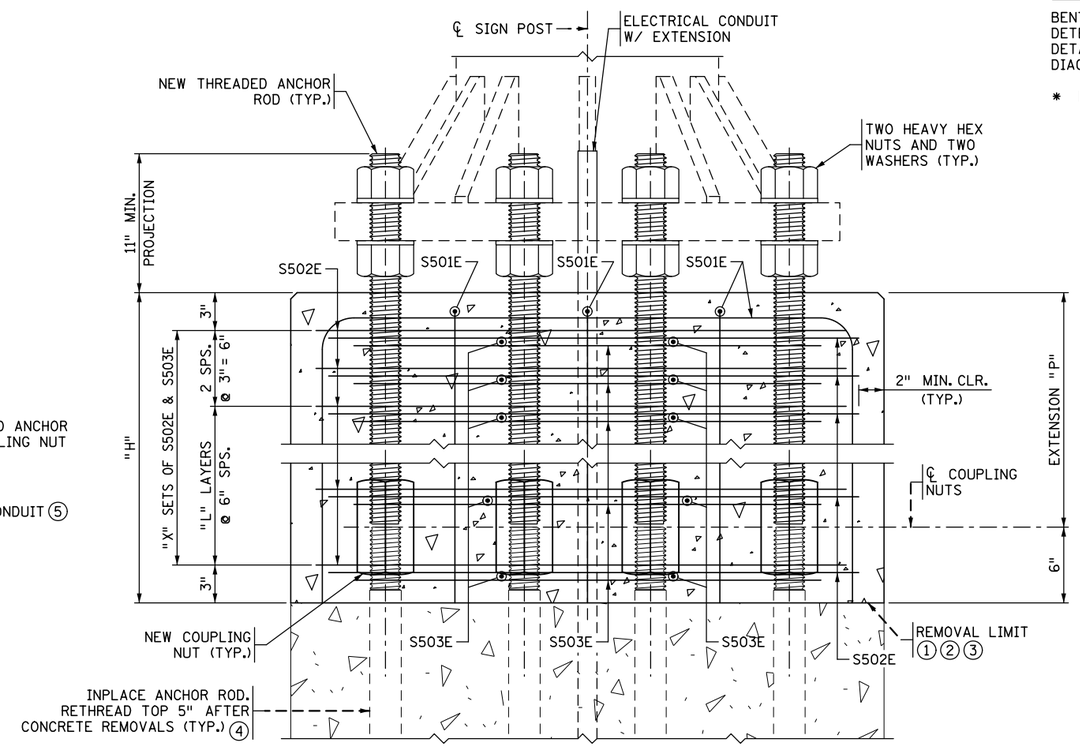
③ APPLY EPOXY BONDING AGENT BEFORE PLACING NEW CONCRETE.

④ INPLACE ANCHOR RODS WITH MINIMAL OR NO DETERIORATION MAY REMAIN WITHOUT CUTTING.

⑤ EXTEND EXISTING CONDUIT AS NEEDED.

⑥ 2½" DIA. ANCHOR ROD. FIELD VERIFY.

EXTENSION DIMENSIONS AND QUANTITIES									
EXTENSION, "P"	"H"	"X"	"L"	"B"	"C"	"D"	"E"	CONCRETE (CY)	REINF. STEEL (LBS.)
1'-0"	1'-6"	4	1	1'-3"	5'-10"	8	16	0.86	188
1'-6"	2'-0"	5	2	1'-9"	6'-10"	10	20	1.14	232
2'-0"	2'-6"	6	3	2'-3"	7'-10"	12	24	1.43	276

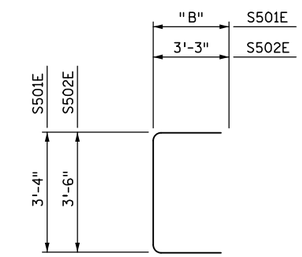


SECTION A-A

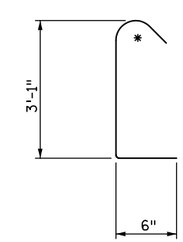
BAR BENDING DIAGRAMS

BENT BAR DIMENSIONS GIVEN ARE OUT-TO-OUT. DETERMINE ACTUAL BAR LENGTHS BASED ON THE DETAIL DIMENSIONS SHOWN IN THE BAR BENDING DIAGRAMS.

* DENOTES STANDARD STIRRUP HOOK.



S501E & S502E



S503E

BILL OF REINFORCEMENT				
BAR	NO.	LENGTH	SHAPE	LOCATION
S501E	6	"C"		VERTICAL TIE
S502E	"D"	10'-0"		HORIZONTAL TIE
S503E	"E"	4'-1"		HORIZONTAL TIE

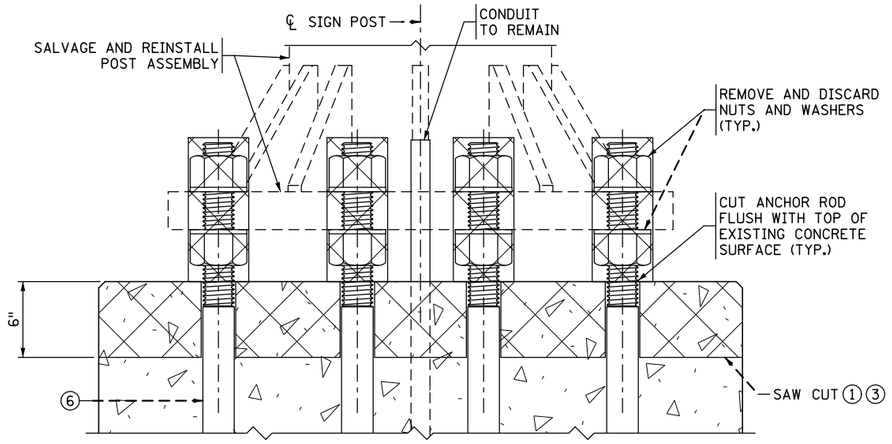
OVERHEAD SIGN STRUCTURES FOUNDATION EXTENSION

DESIGN D EXTENSION DETAILS - TYPE 5-6 POSTS

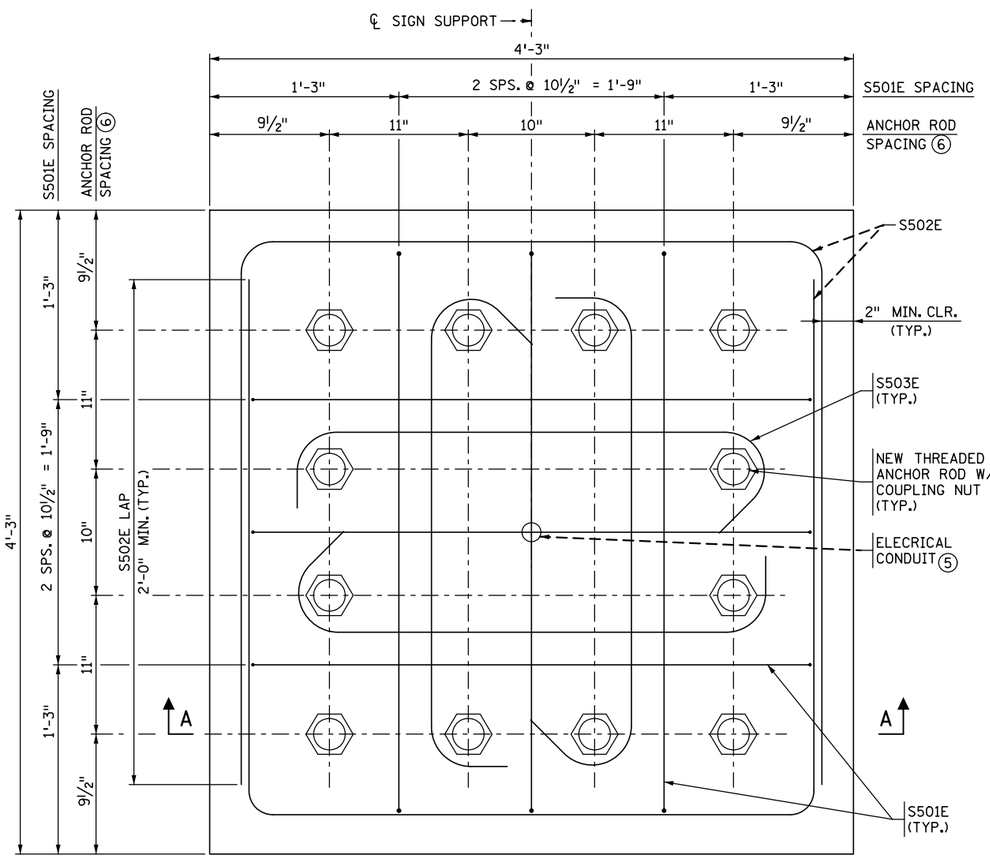
X OF X

STATE PROJ. NO. (T.H.) SHEET NO. OF SHEETS

PLOTTED/REVISED: 2-MAR-2020
PLOT NAME: OH_Sign_Fnd_Extension_DETAIL VERSION
PATH & FILENAME: OTST\Signing\Typicals\Standard Plans\OH_Sign_Fnd_Extension_DETAIL VERSION.dgn



IN-PLACE ELEVATION AND REMOVALS



NEW CONSTRUCTION PLAN VIEW

NOTES:

DENOTES REMOVAL

DIMENSIONS FOR NEW WORK BASED ON INPLACE BOLT DIMENSIONS.

FIELD VERIFY FOR LENGTH OF REQUIRED THREADED ANCHOR ROD EXTENSION.

FIELD ADJUST REBAR LOCATIONS TO AVOID CONDUITS.

USE CONCRETE MIX NO. 3G52 (SPEC. 2461).

CONSTRUCT EXTENSION IN ACCORDANCE WITH THE PLAN, SPEC. 2401, AND SPEC. 2471.

QUANTITIES PROVIDED ARE FOR ONE POST BASE EXTENSION AND ARE INCLUDED IN PAY ITEM 2564.602, "OH SIGN FOUNDATION EXTENSION." REBAR QUANTITIES ARE PROVIDED FOR REFERENCE ONLY.

VERIFY THE REQUIRED EXTENSION "P" WITH THE ENGINEER.

PROVIDE COUPLING NUTS IN ACCORDANCE WITH ASTM A 563 GRADE A AND GALVANIZE IN ACCORDANCE WITH SPEC. 3392. SEE SPECIAL PROVISION FOR SPECIAL INSPECTION OF COUPLING NUT INSTALLATION.

FURNISH TYPE B ANCHOR RODS IN ACCORDANCE WITH SPEC. 3385.

FURNISH EPOXY COATED REINFORCING BARS IN ACCORDANCE WITH SPEC. 3301.

① SAW CUT PEDESTAL PERIMETER WITHOUT CUTTING ANY INPLACE REINFORCEMENT BARS BEFORE REMOVING CONCRETE. ALL INPLACE REINFORCEMENT BARS TO REMAIN.

② CLEAN CONCRETE. REMOVE UNSOUND CONCRETE.

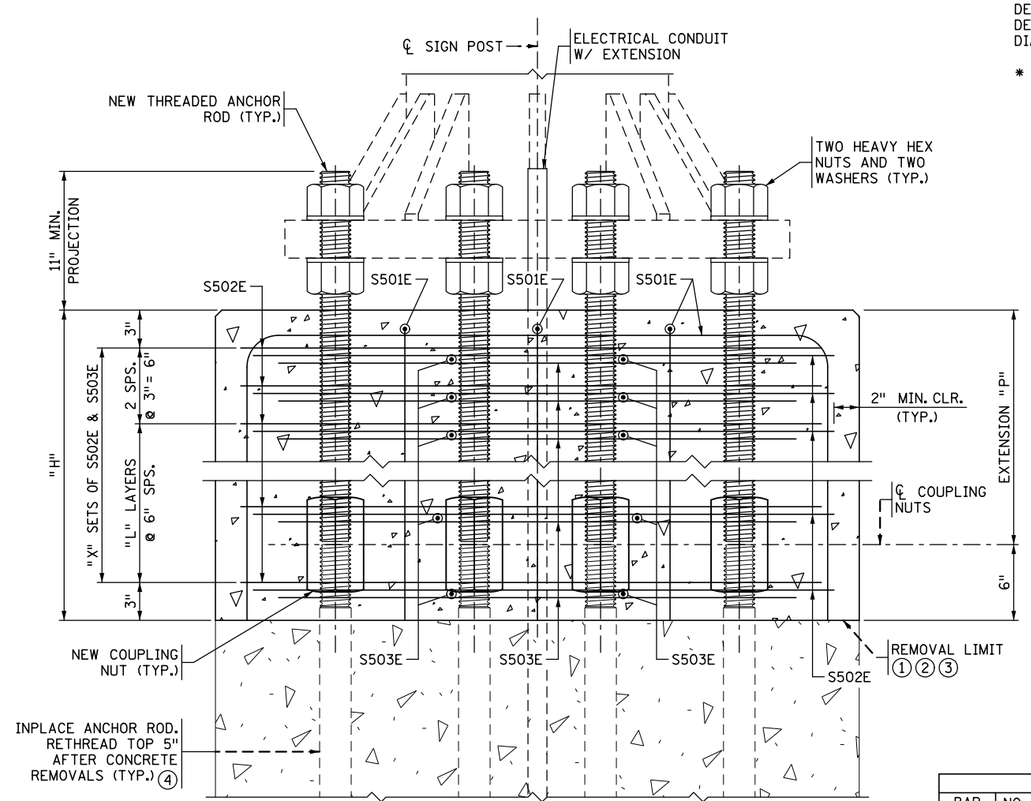
③ APPLY EPOXY BONDING AGENT BEFORE PLACING NEW CONCRETE.

④ INPLACE ANCHOR RODS WITH MINIMAL OR NO DETERIORATION MAY REMAIN WITHOUT CUTTING.

⑤ EXTEND EXISTING CONDUIT AS NEEDED.

⑥ 2½" DIA. ANCHOR ROD. FIELD VERIFY.

EXTENSION DIMENSIONS AND QUANTITIES									
EXTENSION, "P"	"H"	"X"	"L"	"B"	"C"	"D"	"E"	CONCRETE (CY)	REINF. STEEL (LBS.)
1'-0"	1'-6"	4	1	1'-3"	6'-2"	8	16	1.01	198
1'-6"	2'-0"	5	2	1'-9"	7'-2"	10	20	1.34	245
2'-0"	2'-6"	6	3	2'-3"	8'-2"	12	24	1.68	291

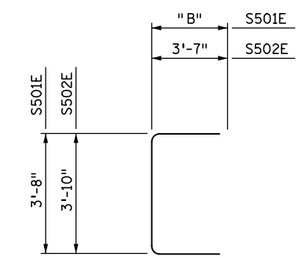


SECTION A-A

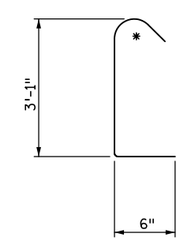
BAR BENDING DIAGRAMS

BENT BAR DIMENSIONS GIVEN ARE OUT-TO-OUT. DETERMINE ACTUAL BAR LENGTHS BASED ON THE DETAIL DIMENSIONS SHOWN IN THE BAR BENDING DIAGRAMS.

✱ DENOTES STANDARD STIRRUP HOOK.



S501E & S502E



S503E

BILL OF REINFORCEMENT				
BAR	NO.	LENGTH	SHAPE	LOCATION
S501E	6	"C"		VERTICAL TIE
S502E	"D"	11'-0"		HORIZONTAL TIE
S503E	"E"	4'-1"		HORIZONTAL TIE

OVERHEAD SIGN STRUCTURES FOUNDATION EXTENSION

DESIGN D EXTENSION DETAILS - TYPE 5-6 POSTS

X OF X

STATE PROJ. NO. (T.H.) SHEET NO. OF SHEETS

PLOTTED/REVISED: 2-MAR-2020
PLOT NAME: OH_Sign_Fnd_Extension_DETAIL VERSION
PATH & FILENAME: OTST\Signing\Typicals\Standard Plans\OH_Sign_Fnd_Extension_DETAIL VERSION.dgn