

OVERHEAD SUBMITTAL CHECKLIST

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| <p>PROJECT INFORMATION Br.No. 169-61- 12.44 (xxx) between Pier No's 1 and 2 HWY / STREET NAME: SB US-169 CITY AND STATE: Osawatomie, KS COUNTY/PARISH: Miami PROJECT NO: 169-61 K-7141-01 DATE: 7/9/1999</p> | <p>FILE: GRADE SEPARATION: UP RR STATE: KS LOCATION: Osawatomie STREET/HWY: US-169 RTE: M.P.: 46.89 SUB: Parson Sub. DOT No.: 414 032B AWO: Not Provided</p> |
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| Item | Required Information | Min. Req'd | As Sub- mitted | Remarks | |
|----------------|--|------------|-------------------|---------|---|
| | | | | A/R | A=APPROVED R=REJECTED |
| Bent #1 | | | | | |
| | | | | | Pier No. 1 |
| 1 | Horizontal clearance (Left)(CL to face) | 18'-0" | N/A | | N/A |
| 2 | Horizontal clearance (Right)(CL to face) | 18'-0" | 26'-5" | A | On Construction Layout sheet |
| 3 | Vertical clearance (from Top of Rail) | 23'-0" | 23'-0" | A | (Existing adjacent 23'-0") |
| 4 | Horizontal clearance to footing from CL | 25'-0" | ? | A | unknown <25' |
| 5 | Depth top of footing below base of rail | 6'-0" | ? | A | Shallow spread footing, set 6' below base |
| 6 | Pier protection wall required for < 25' | 25'-0" | N/A | | N/A |
| 7 | Shoring required (CL to nearest Pt.) | 12'-0" | 12'-0" | A | Shoring details not required |
| Bent #2 | | | | | |
| | | | | | Pier No. 2 |
| 1 | Horizontal clearance (Left)(CL to face) | 18'-0" | 31'-0" | A | On Construction Layout sheet |
| 2 | Horizontal clearance (Right)(CL to face) | 18'-0" | N/A | | N/A |
| 3 | Vertical clearance (from Top of Rail) | 23'-0" | 23'-0" | A | (Existing adjacent 23'-0") |
| 4 | Horizontal clearance to footing from CL | 25'-0" | ? | A | unknown <25' |
| 5 | Depth top of footing below base of rail | 6'-0" | ? | A | Shallow spread footing, set 6' below base |
| 6 | Pier protection wall required for < 25' | 25'-0" | N/A | | N/A |
| 7 | Shoring required (CL to nearest Pt.) | 12'-0" | 12'-0" | A | Shoring details not required |
| Bent #3 | | | | | |
| | | | | | Pier No. |
| 1 | Horizontal clearance (Left)(CL to face) | 18'-0" | | | |
| 2 | Horizontal clearance (Right)(CL to face) | 18'-0" | | | |
| 3 | Vertical clearance (from Top of Rail) | 23'-0" | | | |
| 4 | Horizontal clearance to footing from CL | 25'-0" | | | |
| 5 | Depth top of footing below base of rail | 6'-0" | | | |
| 6 | Pier protection wall required for < 25' | 25'-0" | | | |
| 7 | Shoring required (CL to nearest Pt.) | 12'-0" | | | |
| Bent #4 | | | | | |
| | | | | | Pier No. |
| 1 | Horizontal clearance (Left)(CL to face) | 18'-0" | | | |
| 2 | Horizontal clearance (Right)(CL to face) | 18'-0" | | | |
| 3 | Vertical clearance (from Top of Rail) | 23'-0" | | | |
| 4 | Horizontal clearance to footing from CL | 25'-0" | | | |
| 5 | Depth top of footing below base of rail | 6'-0" | | | |
| 6 | Pier protection wall required for < 25' | 25'-0" | | | |
| 7 | Shoring required (CL to nearest Pt.) | 12'-0" | | | |
| Bent #5 | | | | | |
| | | | | | Pier No. |
| 1 | Horizontal clearance (Left)(CL to face) | 18'-0" | | | |
| 2 | Horizontal clearance (Right)(CL to face) | 18'-0" | | | |
| 3 | Vertical clearance (from Top of Rail) | 23'-0" | | | |
| 4 | Horizontal clearance to footing from CL | 25'-0" | | | |
| 5 | Depth top of footing below base of rail | 6'-0" | | | |
| 6 | Pier protection wall required for < 25' | 25'-0" | | | |
| 7 | Shoring required (CL to nearest Pt.) | 12'-0" | | | |

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| Item | Required Information | Min. Req'd | As Submitted | Remarks A=APPROVED R=REJECTED | |
|-----------|--|------------------------|--------------|----------------------------------|---|
| | Track Requirements | | | A/R | |
| 1 | Existing track centers | Required | N/A | | Single track |
| 2 | Track spreading taken into consideration | Required | N/A | | N/A |
| 3 | Future track centers | 20'-0" | N/A | | N/A Adjacent to existing structure |
| | Safety Requirements | | | | |
| 1 | Splashboards or barrier rail Near Side(NS) | 5'-0"/3'-6" | 3'-6" | A | 42" Type F, Pier No. 1 to Pier No. 2 |
| 2 | Splashboard Far Side(FS) | 5'-0"/3'-6" | 3'-6" | A | 42" Type F, Pier No. 1 to Pier No. 2 |
| 3 | Splashboard limits adequate | R/W to R/W | | A | 25'-0" from CL tracks (and Access Rd ?) |
| 4 | Fence(w/pedestrian walkway)(NS or FS) | 8'-0" or 10'-0" | N/A | A | N/A |
| 5 | Fence(w/o pedestrian walkway)(NS or FS) | 10'-0" | N/A | | N/A Not required at Field Check |
| 6 | Fence limits adequate | R/W to R/W | N/A | | N/A |
| | Drainage Requirements | | | | |
| 1 | Adequate drainage (Left) | Required | OK | A | No change |
| 2 | Adequate drainage (Right) | Required | ? | | No change (Access Road ?) |
| 3 | Drainage from str. / Leaders at bents | -- | N/A | A | No drainage over the side of structure |
| | General Requirements | | | | |
| 1 | Access road (25' from CL to face) | 25'-0" | ? | | room available 31'-0" SB (30'-10" NB) |
| 2 | RR R/W shown correctly | Required | ? | | On Construction Layout sheet |
| 3 | ALL tracks labeled correctly | Required | ? | | On Construction Layout sheet |
| 4 | Existing utilities areal or underground | Required | N/A | | None within RR R/W |
| 5 | Maximum gap between structures | 2'-0" | N/A | | 39'-4" between |
| 6 | Lights required for width of str. over 80' | 80'-0" | N/A | | N/A 60'-2" SB (65'-0" on existing NB) |
| 7 | Track profile for 1000' on each side of str. | 1000' | ? | | (23'-0" VC on existing NB) |
| 8 | Demolition required | -- | Yes | ‡ | (Required on existing NB) |
| 9 | Abutment slope protection | > 2:1 | 2:1 | | Provide 18" aggregate slope protection |
| 10 | Temp. construction vertical clearance | 21'-0' | 21'-6" | A | Std BR105 SI |
| 11 | Temp. construction horizontal clearance | 12'-0" | 12'-0" | A | Std BR105 SI |
| 12 | Milepost number & direction of increase | Required | ? | | M.P. 46.89, direction N |
| 13 | | | | | |
| 14 | | | | | |
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| 18 | | | | | |

INSTRUCTIONS:

Milepost and direction of Milepost must be shown on the plans. Left and Right is the orientation of structure facing in the direction of increasing milepost.
 FILL ALL APPLICABLE PARTS OF TABLE ABOVE: In Column "As Submitted" INSERT ALL APPLICABLE VALUES FROM PLANS
 For any exception to the minimum requirements on the checklist, a detailed explanation/reason why the minimum requirements cannot be provided.

PRELIMINARY PLAN REVIEW:

IF ITEMS ON ABOVE TABLE SHOW DEFICIENCIES, ACCEPTANCE OF PRELIMINARY PLANS WILL NOT BE GRANTED UNTIL DEFICIENCIES ARE RESOLVED.

FINAL PLAN REVIEW:

PRIOR TO STRUCTURE CONSTRUCTION SIGNED FINAL PLANS, SPECIAL PROVISIONS, AND HYDRAULIC CALCULATION IF REQUIRED SHALL BE SUBMITTED FOR FINAL REVIEW. IF ALL ITEMS ARE RESOLVED AND PLANS COMPLY, WILL RELEASE FOR CONSTRUCTION.

‡ See DEMOLITION GUIDELINES

UNITS:

UNITS FOR THE ABOVE CHECKLIST TO BE IN ENGLISH